DGP/20-IP/13
27/10/05

DANGEROUS GOODS PANEL (DGP)

TWENTIETH MEETING

Agenda Item 2: Development of recommendations for amendments to the Technical Instructions for the Safe Transport of Dangerous Goods by Air (Doc 9284) for incorporation in the 2007-2008 Edition

PACKING INSTRUCTIONS

(206 pages)
DGP.20.IP.013.2.en.doc

CLASS 3 PASSENGER AIRCRAFT
30PL

Packing Group	Inner Packaging	Inner Packaging Quantity	Packing Instruction	Outer Quantity
I	GLASS (IP.1)	**0.5 L**	A (302A)	**0.5 L**
	PLASTIC (IP 2)	**FORBIDDEN**		
	METAL (IP 3/3A)	**0.5 L**		
I	GLASS (IP.1)	**0.5 L**	B (302)	**1.0 L**
	PLASTIC (IP 2)	**FORBIDDEN**		
	METAL (IP 3/3A)	**1.0 L**		
II	GLASS (IP.1)	**1.0 L**	C (306)	**1.0 L**
	PLASTIC (IP 2)	**1.0 L**		
	METAL (IP 3/3A)	**1.0 L**		
II	GLASS (IP.1)	**1.0 L**	D (305)	**5.0 L**
	PLASTIC (IP 2)	**5.0 L**		
	METAL (IP 3/3A)	**5.0 L**		
III	GLASS (IP.1)	**2.5 L**	E (309A)	**5.0 L**
	PLASTIC (IP 2)	**5.0 L**		
	METAL (IP 3/3A)	**5.0 L**		
III	GLASS (IP.1)	**2.5 L**	F (309)	**60.0 L**
	PLASTIC (IP 2)	**10.0 L**		
	METAL (IP 3/3A)	**10.0 L**		

ADDITIONAL PACKAGING REQUIREMENTS

- THE GENERAL PACKING REQUIREMENTS OF PART 4, CHAPTER 1 MUST BE MET.
- SUBSTANCES MUST BE COMPATABLE WITH THEIR PACKAGINGS AS REQUIRED BY 4; 1.1.3.

PG I

- SINGLE PACKAGINGS ARE NOT PERMITTED.
- PLASTIC INNER PACKAGINGS NOT PERMITTED.
- GLASS OR EARTHENWARE INNER PACKAGINGS MUST BE PACKED WITH ABSORBENT MATERIAL AND PLACED IN A LEAKPROOF RECEPTACLE BEFORE PLACING IN OUTER PACKAGINGS.
- PLASTIC AND METAL INNER PACKAGINGS MUST BE PLACED IN A LEAKPROOF LINER, PLASTIC BAG OR OTHER EQUALLY EFFICIENT MEANS OF INTERMEDIATE LEAKPROOF CONTAINMENT.
- METAL PACKAGINGS MUST BE CORROSION-RESISTANT OR WITH PROTECTION AGAINST CORROSION FOR SUBSTANCES WITH A CLASS 8 SUBRISK.

PG II

- SINGLE PACKAGINGS ARE NOT PERMITTED.
- GLASS OR EARTHENWARE INNER PACKAGINGS MUST BE PACKED WITH ABSORBENT MATERIAL AND PLACED IN A LEAKPROOF RECEPTACLE BEFORE PLACING IN OUTER PACKAGINGS.
- PLASTIC AND METAL INNER PACKAGINGS MUST BE PLACED IN A LEAKPROOF LINER, PLASTIC BAG OR OTHER EQUALLY EFFICIENT MEANS OF INTERMEDIATE LEAKPROOF CONTAINMENT.
- METAL PACKAGINGS MUST BE CORROSION-RESISTANT OR WITH PROTECTION AGAINST CORROSION FOR SUBSTANCES WITH A CLASS 8 SUBRISK.

PG III

- SINGLE PACKAGINGS ARE PERMITTED.
- FOR COMBINATION PACKAGES, ALL INNER PACKAGINGS MUST BE PLACED IN A PLASTIC BAG OR OTHER EQUALLY EFFICIENT MEANS OF PROTECTION.
- PACKAGINGS MUST MEET THE LEVEL II PERFORMANCE STANDARDS.

OUTER CONTAINERS FOR COMBINATION PACKAGINGS

BOXES	DRUMS	JERRICANS
ALUMINUM (4B)	ALUMINUM (1B2)	ALUMINUM (3B2)
FIBREBOARD (4G)	FIBRE (1G)	PLASTIC (3H2)
PLYWOOD (4D)	PLASTIC (1H2)	STEEL (3A2)
RECONSTITUTED WOOD (4F)	PLYWOOD (1D)	
SOLID PLASTIC (4H2)	STEEL (1A2)	
STEEL (4A)		
WOODEN (4C1, 4C2)		

SINGLE PACKAGINGS FOR PG III

COMPOSITES (PLASTIC)	CYLINDERS	DRUMS	JERRICANS
ALL	SEE ??	ALUMINUM (1B1)	PLASTIC (3H1)
		PLASTIC (1H1)	STEEL (3A1)
		STEEL (1A1)	

CLASS 3 CARGO AIRCRAFT
30CL

Packing Group	Inner Packaging	Inner Packaging Quantity	Packing Instruction	Outer Quantity
I	GLASS (IP.1)	**1.0 L**	A (303A)	**2.5 L**
	PLASTIC (IP 2)	**FORBIDDEN**		
	METAL (IP 3/3A)	**2.5 L**		
I	GLASS (IP.1)	**1.0 L**	B (303)	**30.0 L**
	PLASTIC (IP 2)	**FORBIDDEN**		
	METAL (IP 3/3A)	**5.0 L**		
UN1196, 1298, 1723, II	GLASS (IP.1)	**1.0 L**	C (304)	**5.0 L**
	PLASTIC (IP 2)	**1.0 L**		
	METAL (IP 3/3A)	**1.0 L**		
II	GLASS (IP.1)	**2.5 L**	D (308) WAS E	**5.0 L**
	PLASTIC (IP 2)	**2.5 L**		
	METAL (IP 3/3A)	**5.0 L**		
II	GLASS (IP.1)	**2.5 L**	E (307) WAS D	**60.0 L**
	PLASTIC (IP 2)	**5.0 L**		
	METAL (IP 3/3A)	**10.0 L**		
III	GLASS (IP.1)	**5.0 L**	F (310A)	**60.0 L**
	PLASTIC (IP 2)	**10.0 L**		
	METAL (IP 3/3A)	**25.0 L**		
PG III THIS HAS UN1111,	GLASS (IP.1)	**2.5 L**	G (NEW)	**60.0 L**
	PLASTIC (IP 2)	**2.5 L**		

1204, 1278, 1228	METAL (IP 3/3A)	**5.0 L**		
III	GLASS (IP.1)	**5.0 L**	G (310)	**220.0 L**
	PLASTIC (IP 2)	**10.0 L**		
	METAL (IP 3/3A)	**25.0 L**		

ADDITIONAL PACKAGING REQUIREMENTS

- THE GENERAL PACKING REQUIREMENTS OF PART 4, CHAPTER 1 MUST BE MET.
- SUBSTANCES MUST BE COMPATABLE WITH THEIR PACKAGINGS AS REQUIRED BY 4; 1.1.3.

PG I

- SINGLE PACKAGINGS ARE PERMITTED.
- PLASTIC INNER PACKAGINGS NOT PERMITTED.
- GLASS OR EARTHENWARE INNER PACKAGINGS MUST BE PACKED WITH ABSORBENT MATERIAL AND PLACED IN A LEAKPROOF RECEPTACLE BEFORE PLACING IN OUTER PACKAGINGS.
- FOR COMBINATION PACKAGES, PLASTIC AND METAL INNER PACKAGINGS MUST BE PLACED IN A LEAKPROOF LINER, PLASTIC BAG, OR OTHER EQUALLY EFFCIENT MEANS OF INTERMEDIATE LEAKPROOF CONTAINMENT.
- METAL PACKAGINGS MUST BE CORROSION-RESISTANT OR WITH PROTECTION AGAINST CORROSION FOR SUBSTANCES WITH A CLASS 8 SUBRISK.

PG II

- SINGLE PACKAGINGS ARE PERMITTED.
- GLASS OR EARTHENWARE INNER PACKAGINGS MUST BE PACKED WITH ABSORBENT MATERIAL AND PLACED IN A LEAKPROOF RECEPTACLE BEFORE PLACING IN OUTER PACKAGINGS.
- FOR COMBINATION PACKAGES, PLASTIC AND METAL INNER PACKAGINGS MUST BE PLACED IN A LEAKPROOF LINER, PLASTIC BAG, OR OTHER EQUALLY EFFCIENT MEANS OF INTERMEDIATE LEAKPROOF CONTAINMENT.

PG III

- SINGLE PACKAGINGS ARE PERMITTED.
- FOR COMBINATION PACKAGES, ALL INNER PACKAGINGS MUST BE PLACED IN A PLASTIC BAG OR OTHER EQUALLY EFFICIENT MEANS OF PROTECTION.
- PACKAGINGS MUST MEET THE LEVEL II PERFORMANCE STANDARDS.

OUTER CONTAINERS FOR COMBINATION PACKAGINGS

BOXES	DRUMS	JERRICANS
ALUMINUM (4B)	ALUMINUM (1B2)	ALUMINUM (3B2)
FIBREBOARD (4G)	FIBRE (1G)	PLASTIC (3H2)
PLYWOOD (4D)	PLASTIC (1H2)	STEEL (3A2)
RECONSTITUTED WOOD (4F)	PLYWOOD (1D)	
SOLID PLASTIC (4H2)	STEEL (1A2)	
STEEL (4A)		
WOODEN (4C1, 4C2)		

SINGLE PACKAGINGS FOR PG I, PG II AND PG III

COMPOSITES (PLASTIC)	CYLINDERS	DRUMS	JERRICANS
ALL	SEE ??	ALUMINUM (1B1)	PLASTIC (3H1)
		PLASTIC (1H1)	STEEL (3A1)
		STEEL (1A1)	

CLASS 3 SPECIAL SUBSTANCES
PASSENGER AND CARGO AIRCRAFT

Packing Group	Inner Packaging	Inner Packaging Quantity	Packing Instruction	Outer Quantity
CARGO AND PASSENGER AIRCRAFT				
POLYESTER RESIN KIT **UN3269 PG II & III**	**SEE PI**	**SEE PI**	312	**SEE PI**
FUEL CELL CARTRIDGES **UN3473**	**SEE PI**	**SEE PI**	31X	**SEE PI**
CARGO AIRCRAFT ONLY				
NITROGLYCERIN SOLUTION IN ALCOHOL WITH 5% OR LESS BUT MORE THAN 1% NITROGLYCERIN **UN3064 II**	**SEE PI**	**SEE PI**	300	**SEE PI**
AIRCRAFT HYDRAULIC POWER UNIT FUEL TANK (CONTAINING A MIXTURE OF ANHYDROUS HYDRAZINE AND METHYL HYDRAZINE) **UN3165 I**	**SEE PI**	**SEE PI**	301	**SEE PI**

SEE PACKING INSTRUCTIONS FOR DETAILED REQUIREMENTS

Class 3

30SP01

<table>
<tr><td rowspan="4">NITROGLYCERIN SOLUTION IN ALCOHOL WITH 5% OR LESS BUT MORE THAN 1% NITROGLYCERIN
UN3064 II</td><td>PASSENGER AIRCRAFT</td><td colspan="2">CARGO AIRCRAFT INNER CONTAINER</td></tr>
<tr><td rowspan="3">FORBIDDEN</td><td>METAL
(IP 3)</td><td>1.0 L</td></tr>
<tr><td colspan="2">CARGO AIRCRAFT OUTER CONTAINER</td></tr>
<tr><td>WOODEN BOX (4C1, 4C2, 4D OR 4F)</td><td>5.0 L</td></tr>
</table>

- **FORBIDDEN** ON PASSENGER AIRCRAFT.
- **PERMITTED** ON CARGO AIRCRAFT.

ADDITIONAL PACKAGING REQUIREMENTS

- THE GENERAL PACKING REQUIREMENTS OF PART 4, CHAPTER 1 MUST BE MET.
- SUBSTANCES MUST BE COMPATIBLE WITH THEIR PACKAGINGS AS REQUIRED BY 4; 1.1.3.
- METAL CANS MUST BE COMPLETELY SURROUNDED WITH ABSORBENT CUSHIONING MATERIAL OF SUFFICIENT QUANTITY TO ABSORB THE ENTIRE LIQUID CONTENT.
- WOODEN BOXES MUST BE COMPLETELY LINED WITH A SUITABLE MATERIAL IMPERVIOUS TO WATER, ALCOHOL AND NITROGLYCERIN.

30SP02

AIRCRAFT HYDRAULIC POWER UNIT FUEL TANK (CONTAINING A MIXTURE OF ANHYDROUS HYDRAZINE AND METHYL HYDRAZINE) UN3165	PASSENGER AIRCRAFT	CARGO AIRCRAFT
	FORBIDDEN	SEE ADDITIONAL PACKAGING REQUIREMENTS

- **FORBIDDEN** ON PASSENGER AIRCRAFT.
- **PERMITTED** ON CARGO AIRCRAFT.

ADDITIONAL PACKAGING REQUIREMENTS

- THE GENERAL PACKING REQUIREMENTS OF PART 4, CHAPTER 1 MUST BE MET.
- SUBSTANCES MUST BE COMPATIBLE WITH THEIR PACKAGINGS AS REQUIRED BY 4; 1.1.3.
- AIRCRAFT HYDRAULIC POWER UNIT FUEL TANKS CONTAINING A MIXTURE OF ANHYDROUS HYDRAZINE AND METHYL HYDRAZINE (M86 FUEL) AND DESIGNED FOR INSTALLATION AS COMPLETE UNITS IN AIRCRAFT ARE ACCEPTABLE, SUBJECT TO EITHER OF THE FOLLOWING CONDITIONS:

1. THE UNIT MUST CONSIST OF AN ALUMINIUM PRESSURE VESSEL MADE FROM TUBING AND HAVING WELDED HEADS. PRIMARY CONTAINMENT OF THE FUEL WITHIN THIS VESSEL MUST CONSIST OF A WELDED ALUMINIUM BLADDER HAVING A MAXIMUM INTERNAL VOLUME OF 46 L. THE OUTER VESSEL MUST HAVE A MINIMUM DESIGN GAUGE PRESSURE OF 1 275 KPA AND A MINIMUM BURST GAUGE PRESSURE OF 2 755 KPA. EACH VESSEL MUST BE LEAK TESTED DURING MANUFACTURE AND BEFORE SHIPMENT AND MUST BE FOUND LEAKPROOF. THE COMPLETE INNER UNIT MUST BE SECURELY PACKED IN NON-COMBUSTIBLE CUSHIONING MATERIAL, SUCH AS VERMICULITE, IN A STRONG OUTER TIGHTLY CLOSED METAL PACKAGING, WHICH WILL ADEQUATELY PROTECT ALL FITTINGS. MAXIMUM QUANTITY OF FUEL PER UNIT AND PACKAGE IS 42 L; OR
2. THE UNIT MUST CONSIST OF AN ALUMINIUM PRESSURE VESSEL. PRIMARY CONTAINMENT OF THE FUEL WITHIN THIS VESSEL MUST CONSIST OF A WELDED HERMETICALLY SEALED FUEL COMPARTMENT WITH AN ELASTOMERIC BLADDER HAVING A MAXIMUM INTERNAL VOLUME OF 46 L. THE PRESSURE VESSEL MUST HAVE A MINIMUM DESIGN GAUGE PRESSURE OF 2 860 KPA AND A MINIMUM BURST GAUGE PRESSURE OF 5 170 KPA. EACH VESSEL MUST BE LEAK-CHECKED DURING MANUFACTURE AND BEFORE SHIPMENT AND MUST BE FOUND LEAKPROOF. THE COMPLETE INNER UNIT MUST BE SECURELY PACKED IN NON-COMBUSTIBLE CUSHIONING MATERIAL, SUCH AS VERMICULITE, IN A STRONG OUTER TIGHTLY CLOSED METAL PACKAGING, WHICH WILL ADEQUATELY PROTECT ALL FITTINGS. MAXIMUM QUANTITY OF FUEL PER UNIT AND PACKAGE IS 42 L.

30SP03

<table>
<tr><td rowspan="8">POLYESTER RESIN KIT
(CONSISTS OF AN ACTIVATOR (ORGANIC PEROXIDE AND A BASE MATERIAL CLASS 3 PG II OR III)
UN3269 PG II & III</td><td colspan="3">PASSENGER AND CARGO INNER PACKAGING</td></tr>
<tr><td rowspan="2">ACTIVATOR (ORGANIC PEROXIDE)</td><td>PLASTIC
(IP 2)
METAL/PLASTIC TUBES (IP.9)</td><td>LIQUIDS
125 ML</td></tr>
<tr><td>PLASTIC
(IP 2)
METAL/PLASTIC TUBES (IP.9)</td><td>SOLIDS
500 GRAMS</td></tr>
<tr><td colspan="3">NET QUANTITY OF ACTIVATOR MUST NOT EXCEED 125 ML OR 500 GRAMS PER PACKAGE</td></tr>
<tr><td rowspan="3">BASE MATERIAL CLASS 3
PG II OR PG III ONLY</td><td>GLASS
(IP 1)</td><td>1.0 KG</td></tr>
<tr><td>PLASTIC
(IP 2)</td><td>4.75 KG</td></tr>
<tr><td>METAL
(IP 3/3A)</td><td>4.75 KG</td></tr>
<tr><td colspan="3">PASSENGER AND CARGO OUTER QUANITITY</td></tr>
<tr><td colspan="3">5 KG</td></tr>
</table>

ADDITIONAL PACKAGING REQUIREMENTS

- **PERMITTED ON PASSENGER AND CARGO AIRCRAFT.**
- The general packing requirements of Part 4, Chapter 1 must be met.
- Substances must be compatible with their packagings as required by 4; 1.1.3.
- Single packagings are not permitted.
- The components may be placed in the same outer packaging provided that they will not interact dangerously in the event of leakage (see 4;1.1.7).

OUTER CONTAINERS FOR COMBINATION PACKAGINGS

BOXES	DRUMS	JERRICANS
ALUMINUM (4B)	ALUMINUM (1B2)	ALUMINUM (3B2)
FIBREBOARD (4G)	FIBRE (1G)	PLASTIC (3H2)
PLYWOOD (4D)	PLASTIC (1H2)	STEEL (3A2)
RECONSTITUTED WOOD (4F)	PLYWOOD (1D)	
SOLID PLASTIC (4H2)	STEEL (1A2)	
STEEL (4A)		

WOODEN (4C1, 4C2)		

30LQ3

LIMITED QUANTITY ONLY POLYESTER RESIN KIT (CONSISTS OF AN ACTIVATOR (ORGANIC PEROXIDE AND A BASE MATERIAL CLASS 3 PG II OR III) **UN3269 PG II & III**	**PASSENGER AND CARGO INNER PACKAGING**		
	ACTIVATOR (ORGANIC PEROXIDE)	**PLASTIC (IP 2) METAL/PLASTIC TUBES (IP.9)**	**LIQUIDS 30 ML 30 ML**
		PLASTIC (IP 2) METAL/PLASTIC TUBES (IP.9)	**SOLIDS 100 GRAMS 100GRAMS**
	NET QUANTITY OF ACTIVATOR MUST NOT EXCEED 125 ML OR 500 GRAMS PER PACKAGE		
	BASE MATERIAL CLASS 3 PG II OR PG III ONLY	**GLASS (IP 1)**	**900 GRAMS**
		PLASTIC (IP 2)	**900 GRAMS**
		METAL (IP 3/3A)	**900 GRAMS**
	PASSENGER AND CARGO OUTER QUANITITY		
	1 KG		

ADDITIONAL PACKAGING REQUIREMENTS

- THE GENERAL PACKING REQUIREMENTS OF PART 4;1.1 APPLICABLE TO PASSENGER AIRCRAFT MUST BE MET EXCEPT THAT THE REQUIREMENTS OF 4;1.1.2, 1.1.8 c), 1.1.8 e), AND 1.1.16 DO NOT APPLY.
- SUBSTANCES MUST BE COMPATABLE WITH THEIR PACKAGINGS AS REQUIRED BY 4; 1.1.3.
- THE LIMITATIONS AND PROVISIONS APPLY EQUALLY TO BOTH PASSENGER AND CARGO AIRCRAFT.
- SINGLE PACKAGINGS, INCLUDING COMPOSITES, ARE NOT PERMITTED.
- THE GROSS WEIGHT OF A LIMITED QUANTITY PACKAGE MUST NOT EXCEED 30 KG (66 LB).
- INNER PACKAGINGS MUST MEET THE REQUIREMENTS OF 6;3.2.
- OUTER PACKAGINGS MUST BE SO DESIGNED THAT THEY MEET THE CONSTRUCTION REQUIREMENTS IN SUBSECTION 6;3.1.
- EACH PACKAGE OFFERED FOR TRANSPORT MUST BE CAPABLE OF WITHSTANDING A 1.2M DROP TEST (SEE 4;4.4.1), AND A 24 HOUR STACK TEST (SEE 4;4.4.2) AND A 95 kPa PRESSURE DIFFERENTIAL (SEE 4;1.1.6).
- EACH PACKAGE OFFERED FOR TRANSPORT MUST BE MARKED AS REQUIRED BY THE APPLICABLE PARAGRAPHS OF PART 5; CHAPTER 2.
- THE DANGEROUS GOODS TRANSPORT DOCUMENT REQUIRED BY 5;4.1 MUST CONTAIN THE WORDS “LIMITED QUANTITY” OR “LTD QTY”.

- THE COMPONENTS MAY BE PLACED IN THE SAME OUTER PACKAGING PROVIDED THAT THEY WILL NOT INTERACT DANGEROUSLY IN THE EVENT OF LEAKAGE (SEE 4;1.1.7).

OUTER CONTAINERS FOR COMBINATION PACKAGINGS

BOXES	DRUMS	JERRICANS
ALUMINUM	ALUMINUM	ALUMINUM
FIBREBOARD	FIBRE	PLASTIC
PLYWOOD	PLASTIC	STEEL
RECONSTITUTED WOOD	PLYWOOD	
SOLID PLASTIC	STEEL	
STEEL		
WOODEN (4C1, 4C2)		

30SP04

FUEL CELL CARTRIDGES

UN3473

- **PERMITTED ON PASSENGER AND CARGO AIRCRAFT**.
- THE GENERAL PACKING REQUIREMENTS OF PART 4, CHAPTER 1 MUST BE MET, EXCEPT THAT THE REQUIREMENTS OF 4;1.1.2, 1.1.13 AND 1.1.16 TO 1.1.21 DO NOT APPLY.
- FUEL CELL CARTRIDGES MUST BE PACKED IN STRONG OUTER PACKAGINGS.
- FUEL CELL CARTRIDGES PACKED WITH EQUIPMENT MUST BE PACKED IN INNER PACKAGINGS OR PLACED IN THE OUTER PACKAGING WITH CUSHIONING MATERIAL SO THAT THE CARTRIDGES ARE PROTECTED AGAINST DAMAGE THAT MAY BE CAUSED BY THE MOVEMENT OR PLACEMENT OF THE EQUIPMENT AND THE CARTRIDGES WITHIN THE OUTER PACKAGING.

CLASS 4.1 SOLIDS PASSENGER AIRCRAFT
41PS

Packing Group	Inner Packaging	Inner Packaging Quantity	Packing Instruction	Outer Quantity
I	GLASS (IP.1)	**FORBIDDEN**	FORBIDDEN	**FORBIDDEN**
	PLASTIC (IP 2)			
	METAL (IP 3/3A)			
	PLASTIC BAG (IP 5)			
II	GLASS (IP.1)	**1.0 KG**	A 415	**15.0 KG**
	PLASTIC (IP 2)	**2.5 KG**		
	METAL (IP 3/3A)	**2.5 KG**		
	PLASTIC BAG (IP 5)	**1.0 KG**		
III	GLASS (IP.1)	**5.0 KG**	B 419	**25.0 KG**
	PLASTIC (IP 2)	**10.0 KG**		
	METAL (IP 3/3A)	**10.0 KG**		
	PLASTIC BAG (IP 5)	**5.0 KG**		
III	GLASS (IP.1)	**2.5 KG**	C 422	**25.0 KG**
	PLASTIC (IP 2)	**2.5 KG**		
	METAL (IP 3/3A)	**5.0 KG**		

ADDITIONAL PACKAGING REQUIREMENTS

- THE GENERAL PACKING REQUIREMENTS OF PART 4, CHAPTER 1 MUST BE MET.
- SUBSTANCES MUST BE COMPATABLE WITH THEIR PACKAGINGS AS REQUIRED BY 4; 1.1.3.

PG I

- CLASS 4 PGI ALLOWED FOR WETTED EXPOLOSIVES ONLY.

PG II

- SINGLE PACKAGINGS ARE NOT PERMITTED.
- GLASS OR EARTHENWARE INNER PACKAGINGS MUST BE PACKED IN OUTER PACKAGING WITH SUFFICIENT CUSHIONING MATERIAL TO PREVENT BREAKAGE.
- METAL PACKAGINGS MUST BE CORROSION-RESISTANT OR WITH PROTECTION AGAINST CORROSION FOR SUBSTANCES WITH A CLASS 8 SUBSIDIARY RISK.

PG III

- SINGLE PACKAGINGS ARE NOT PERMITTED.
- PACKAGINGS MUST MEET THE LEVEL II PERFORMANCE STANDARDS.

OUTER CONTAINERS FOR COMBINATION PACKAGINGS

BOXES	DRUMS	JERRICANS
ALUMINUM (4B)	ALUMINUM (1B2)	ALUMINUM (3B2)
FIBREBOARD (4G)	FIBRE (1G)	PLASTIC (3H2)
PLYWOOD (4D)	PLASTIC (1H2)	STEEL (3A2)
RECONSTITUTED WOOD (4F)	PLYWOOD (1D)	
SOLID PLASTIC (4H2)	STEEL (1A2)	
STEEL (4A)		
WOODEN (4C1, 4C2)		

CLASS 4.1 SOLIDS CARGO AIRCRAFT
41CS

Packing Group	Inner Packaging	Inner Packaging Quantity	Packing Instruction	Outer Quantity
I	GLASS (IP.1)	**1.0 KG**	A (412)	**15.0 KG**
	PLASTIC (IP 2)	**1.0 KG**		
	METAL (IP 3/3A)	**1.0 KG**		
II	GLASS (IP.1)	**2.5 KG**	B (417)	**50.0 KG**
	PLASTIC (IP 2)	**5.0 KG**		
	METAL (IP 3/3A)	**5.0 KG**		
	PLASTIC BAG (IP 5)	**2.5 KG**		
III	GLASS (IP.1)	**5.0 KG**	C (420)	**100.0 KG**
	PLASTIC (IP 2)	**10.0 KG**		
	METAL (IP 3/3A)	**10.0 KG**		
	PLASTIC BAG (IP 5)	**5.0 KG**		
III	GLASS (IP.1)	**5.0 KG**	D (420A)	**100.0 KG**
	PLASTIC (IP 2)	**10.0 KG**		
	METAL (IP 3/3A)	**10.0 KG**		

ADDITIONAL PACKAGING REQUIREMENTS

- THE GENERAL PACKING REQUIREMENTS OF PART 4, CHAPTER 1 MUST BE MET.
- SUBSTANCES MUST BE COMPATABLE WITH THEIR PACKAGINGS AS REQUIRED BY 4; 1.1.3.

PGI AND PG II

- SINGLE PACKAGINGS ARE PERMITTED.
- GLASS OR EARTHENWARE INNER PACKAGINGS MUST BE PACKED IN OUTER PACKAGING WITH SUFFICIENT CUSHIONING MATERIAL TO PREVENT BREAKAGE.
- METAL PACKAGINGS MUST BE CORROSION-RESISTANT OR WITH PROTECTION AGAINST CORROSION FOR SUBSTANCES WITH A CLASS 8 SUBSIDIARY RISK.

PGIII ONLY

- SINGLE PACKAGINGS ARE PERMITTED.
- PACKAGINGS MUST MEET THE LEVEL II PERFORMANCE STANDARDS.

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OUTER CONTAINERS FOR COMBINATION PACKAGINGS

BOXES	DRUMS	JERRICANS
ALUMINUM (4B)	ALUMINUM (1B2)	ALUMINUM (3B2)
FIBREBOARD (4G)	FIBRE (1G)	PLASTIC (3H2)
PLYWOOD (4D)	PLASTIC (1H2)	STEEL (3A2)
RECONSTITUTED WOOD (4F)	PLYWOOD (1D)	
SOLID PLASTIC (4H2)	STEEL (1A2)	
STEEL (4A)		
WOODEN (4C1, 4C2)		

SINGLE PACKAGINGS FOR PG I, PG II AND PG III

COMPOSITES (PLASTIC)	CYLINDERS	DRUMS	JERRICANS
ALL	SEE ??	ALUMINUM (1B1)	PLASTIC (3H1)
		PLASTIC (1H1)	STEEL (3A1)
		STEEL (1A1)	

CLASS 4.2 LIQUIDS PASSENGER AIRCRAFT
42PL

Packing Group	Inner Packaging	Inner Packaging Quantity	Packing Instruction	Outer Quantity
I	GLASS (IP.1)	**FORBIDDEN**	FORBIDDEN	**FORBIDDEN**
	PLASTIC (IP 2)	**FORBIDDEN**		
	METAL (IP 3/3A)	**FORBIDDEN**		
II	GLASS (IP.1)	**1.0 L**	A (408)	**1.0 L**
	PLASTIC (IP 2)	**1.0 L**		
	METAL (IP 3/3A)	**1.0 L**		
III	GLASS (IP.1)	**2.5 L**	B (414A)	**5.0 L**
	PLASTIC (IP 2)	**2.5 L**		
	METAL (IP 3/3A)	**5.0 L**		

ADDITIONAL PACKAGING REQUIREMENTS

- THE GENERAL PACKING REQUIREMENTS OF PART 4, CHAPTER 1 MUST BE MET.
- SUBSTANCES MUST BE COMPATABLE WITH THEIR PACKAGINGS AS REQUIRED BY 4; 1.1.3.

PG I

- FORBIDDEN

PG II

- SINGLE PACKAGINGS ARE NOT PERMITTED.
- GLASS OR EARTHENWARE INNER PACKAGINGS MUST BE PACKED WITH ABSORBENT MATERIAL AND ENCLOSED IN A LEAKPROOF RECEPTACLE BEFORE PLACING IN OUTER PACKAGINGS.
- PLASTIC AND METAL INNER PACKAGINGS MUST BE PLACED IN A LEAKPROOF LINER, PLASTIC BAG OR OTHER EQUALLY EFFICIENT MEANS OF INTERMEDIATE LEAKPROOF CONTAINMENT.

PG III

- SINGLE PACKAGINGS ARE PERMITTED.
- FOR COMBINATION PACKAGES, ALL INNER PACKAGINGS MUST BE PLACED IN A PLASTIC BAG OR OTHER EQUALLY EFFICIENT MEANS OF PROTECTION.
- PACKAGINGS MUST MEET THE LEVEL II PERFORMANCE STANDARDS.

OUTER CONTAINERS FOR COMBINATION PACKAGINGS

BOXES	DRUMS	JERRICANS
ALUMINUM (4B)	ALUMINUM (1B2)	ALUMINUM (3B2)
FIBREBOARD (4G)	FIBRE (1G)	PLASTIC (3H2)
PLYWOOD (4D)	PLASTIC (1H2)	STEEL (3A2)
RECONSTITUTED WOOD (4F)	PLYWOOD (1D)	
SOLID PLASTIC (4H2)	STEEL (1A2)	
STEEL (4A)		
WOODEN (4C1, 4C2)		

SINGLE PACKAGINGS FOR PG III

COMPOSITES (PLASTIC)	CYLINDERS	DRUMS	JERRICANS
ALL	SEE ??	ALUMINUM (1B1)	PLASTIC (3H1)
		PLASTIC (1H1)	STEEL (3A1)
		STEEL (1A1)	

CLASS 4.2 LIQUIDS CARGO AIRCRAFT
42CL

Packing Group	Inner Packaging	Inner Packaging Quantity	Packing Instruction	Outer Quantity
I	GLASS (IP.1)	**FORBIDDEN**	FORBIDDEN	**FORBIDDEN**
	PLASTIC (IP 2)	**FORBIDDEN**		
	METAL (IP 3/3A)	**FORBIDDEN**		
II	GLASS (IP.1)	**2.5 L**	A (414)	**5.0 L**
	PLASTIC (IP 2)	**2.5 L**		
	METAL (IP 3/3A)	**5.0 L**		
III	GLASS (IP.1)	**5.0 L**	B (425)	**60.0 L**
	PLASTIC (IP 2)	**5.0 L**		
	METAL (IP 3/3A)	**10.0 L**		

ADDITIONAL PACKAGING REQUIREMENTS

- THE GENERAL PACKING REQUIREMENTS OF PART 4, CHAPTER 1 MUST BE MET.
- SUBSTANCES MUST BE COMPATABLE WITH THEIR PACKAGINGS AS REQUIRED BY 4; 1.1.3.

PG I

- SINGLE PACKAGINGS ARE NOT PERMITTED.
- PLASTIC INNER PACKAGINGS NOT PERMITTED.
- GLASS OR EARTHENWARE INNER PACKAGINGS MUST BE PACKED WITH ABSORBENT MATERIAL AND ENCLOSED IN A LEAKPROOF RECEPTACLE BEFORE PLACING IN OUTER PACKAGINGS.
- PLASTIC AND METAL INNER PACKAGINGS MUST BE PLACED IN A LEAKPROOF LINER, PLASTIC BAG OR OTHER EQUALLY EFFICIENT MEANS OF INTERMEDIATE LEAKPROOF CONTAINMENT
- METAL PACKAGINGS MUST BE CORROSION-RESISTANT OR WITH PROTECTION AGAINST CORROSION FOR SUBSTANCES WITH A CLASS 8 SUBRISK.

PG II

- SINGLE PACKAGINGS ARE NOT PERMITTED.
- GLASS OR EARTHENWARE INNER PACKAGINGS MUST BE PACKED WITH ABSORBENT MATERIAL AND ENCLOSED IN A LEAKPROOF RECEPTACLE BEFORE PLACING IN OUTER PACKAGINGS.
- PLASTIC AND METAL INNER PACKAGINGS MUST BE PLACED IN A LEAKPROOF LINER, PLASTIC BAG OR OTHER EQUALLY EFFICIENT MEANS OF INTERMEDIATE LEAKPROOF CONTAINMENT.

PG III

- SINGLE PACKAGINGS ARE PERMITTED.
- FOR COMBINATION PACKAGES, ALL INNER PACKAGINGS MUST BE PLACED IN A PLASTIC BAG OR OTHER EQUALLY EFFICIENT MEANS OF PROTECTION.
- PACKAGINGS MUST MEET THE LEVEL II PERFORMANCE STANDARDS.

OUTER CONTAINERS FOR COMBINATION PACKAGINGS

BOXES	DRUMS	JERRICANS
ALUMINUM (4B)	ALUMINUM (1B2)	ALUMINUM (3B2)
FIBREBOARD (4G)	FIBRE (1G)	PLASTIC (3H2)
PLYWOOD (4D)	PLASTIC (1H2)	STEEL (3A2)
RECONSTITUTED WOOD (4F)	PLYWOOD (1D)	
SOLID PLASTIC (4H2)	STEEL (1A2)	
STEEL (4A)		
WOODEN (4C1, 4C2)		

SINGLE PACKAGINGS FOR PG III

COMPOSITES (PLASTIC)	CYLINDERS	DRUMS	JERRICANS
ALL	SEE ??	ALUMINUM (1B1)	PLASTIC (3H1)
		PLASTIC (1H1)	STEEL (3A1)
		STEEL (1A1)	

CLASS 4.2 SOLIDS PASSENGER AIRCRAFT
42PS

Packing Group	Inner Packaging	Inner Packaging Quantity	Packing Instruction	Outer Quantity
I	GLASS (IP.1)	**FORBIDDEN**	**FORBIDDEN**	**FORBIDDEN**
	PLASTIC (IP 2)			
	METAL (IP 3/3A)			
	PLASTIC BAG (IP 5)			
II	GLASS (IP.1)	**1.0 KG**	A (415)	**15.0 KG**
	PLASTIC (IP 2)	**2.5 KG**		
	METAL (IP 3/3A)	**2.5 KG**		
	PLASTIC BAG (IP 5)	**1.0 KG**		
II	GLASS (IP.1)	**1.0 KG**	B (415A)	**15.0 KG**
	PLASTIC (IP 2)	**1.0 KG**		
	METAL (IP 3/3A)	**1.0 KG**		
III	GLASS (IP.1)	**1.0 KG**	C (416Z)	**25.0 KG**
	PLASTIC (IP 2)	**FORBIDDEN**		
	METAL (IP 3/3A)	**1.0 KG**		
III	GLASS (IP.1)	**5.0 KG**	D (419)	**25.0 KG**
	PLASTIC (IP 2)	**10.0 KG**		
	METAL (IP 3/3A)	**10.0 KG**		
	PLASTIC BAG (IP 5)	**5.0 KG**		
III	GLASS (IP.1)	**2.5 KG**	E (422)	**25.0 KG**
	PLASTIC (IP 2)	**2.5 KG**		
	METAL (IP 3/3A)	**5.0 KG**		

ADDITIONAL PACKAGING REQUIREMENTS

- THE GENERAL PACKING REQUIREMENTS OF PART 4, CHAPTER 1 MUST BE MET.
- SUBSTANCES MUST BE COMPATABLE WITH THEIR PACKAGINGS AS REQUIRED BY 4; 1.1.3.

PG I

- CLASS 4 PG I ALLOWED FOR WETTED EXPOLOSIVES ONLY.

PG II

- SINGLE PACKAGINGS ARE NOT PERMITTED.
- GLASS OR EARTHENWARE INNER PACKAGINGS MUST BE PACKED IN OUTER PACKAGING WITH SUFFICIENT CUSHIONING MATERIAL TO PREVENT BREAKAGE.
- METAL PACKAGINGS MUST BE CORROSION-RESISTANT OR WITH PROTECTION AGAINST CORROSION FOR SUBSTANCES WITH CLASS 8 SUBSIDIARY RISK.

PG III

- SINGLE PACKAGINGS ARE NOT PERMITTED.
- PACKAGINGS MUST MEET THE LEVEL II PERFORMANCE STANDARDS.

OUTER CONTAINERS FOR COMBINATION PACKAGINGS

BOXES	DRUMS	JERRICANS
ALUMINUM (4B)	ALUMINUM (1B2)	ALUMINUM (3B2)
FIBREBOARD (4G)	FIBRE (1G)	PLASTIC (3H2)
PLYWOOD (4D)	PLASTIC (1H2)	STEEL (3A2)
RECONSTITUTED WOOD (4F)	PLYWOOD (1D)	
SOLID PLASTIC (4H2)	STEEL (1A2)	
STEEL (4A)		
WOODEN (4C1, 4C2)		

CLASS 4.2 SOLIDS CARGO AIRCRAFT
42CS

Packing Group	Inner Packaging	Inner Packaging Quantity	Packing Instruction	Outer Quantity
UN 1378 UN2881 II	GLASS (IP.1)	**1.0 KG**	A (416)	**50.0 KG**
	PLASTIC (IP 2)	**FORBIDDEN**		
	METAL (IP 3/3A)	**1.0 KG**		
II	GLASS (IP.1)	**2.5 KG**	B (417)	**50.0 KG**
	PLASTIC (IP 2)	**5.0 KG**		
	METAL (IP 3/3A)	**5.0 KG**		
	PLASTIC BAG (IP 5)	**2.5 KG**		
III	GLASS (IP.1)	**5.0 KG**	C (420)	**100.0 KG**
	PLASTIC (IP 2)	**10.0 KG**		
	METAL (IP 3/3A)	**10.0 KG**		
	PLASTIC BAG (IP 5)	**5.0 KG**		
III	GLASS (IP.1)	**5.0 KG**	D (420A)	**100.0 KG**
	PLASTIC (IP 2)	**10.0 KG**		
	METAL (IP 3/3A)	**10.0 KG**		

ADDITIONAL PACKAGING REQUIREMENTS

- THE GENERAL PACKING REQUIREMENTS OF PART 4, CHAPTER 1 MUST BE MET.
- SUBSTANCES MUST BE COMPATABLE WITH THEIR PACKAGINGS AS REQUIRED BY 4; 1.1.3.

PGI AND PGII

- SINGLE PACKAGINGS ARE PERMITTED.
- GLASS OR EARTHENWARE INNER PACKAGINGS MUST BE PACKED IN OUTER PACKAGING WITH SUFFICIENT CUSHIONING MATERIAL TO PREVENT BREAKAGE.
- METAL PACKAGINGS MUST BE CORROSION-RESISTANT OR WITH PROTECTION AGAINST CORROSION FOR SUBSTANCES WITH A CLASS 8 SUBSIDIARY RISK.

PGIII

- SINGLE PACKAGINGS ARE PERMITTED.
- PACKAGINGS MUST MEET THE LEVEL II PERFORMANCE STANDARDS.

OUTER CONTAINERS FOR COMBINATION PACKAGINGS

BOXES	DRUMS	JERRICANS
ALUMINUM (4B)	ALUMINUM (1B2)	ALUMINUM (3B2)
FIBREBOARD (4G)	FIBRE (1G)	PLASTIC (3H2)
PLYWOOD (4D)	PLASTIC (1H2)	STEEL (3A2)
RECONSTITUTED WOOD (4F)	PLYWOOD (1D)	
SOLID PLASTIC (4H2)	STEEL (1A2)	
STEEL (4A)		
WOODEN (4C1, 4C2)		

SINGLE PACKAGINGS FOR PG I, PG II AND PG III

COMPOSITES (PLASTIC)	CYLINDERS	DRUMS	JERRICANS
ALL	SEE ??	ALUMINUM (1B1)	PLASTIC (3H1)
		PLASTIC (1H1)	STEEL (3A1)
		STEEL (1A1)	

CLASS 4.3 LIQUIDS PASSENGER AIRCRAFT
43PL

Packing Group	Inner Packaging	Inner Packaging Quantity	Packing Instruction	Outer Quantity
I	GLASS (IP.1)	**FORBIDDEN**	FORBIDDEN	**FORBIDDEN**
	PLASTIC (IP 2)	**FORBIDDEN**		
	METAL (IP 3/3A)	**FORBIDDEN**		
II	GLASS (IP.1)	**1.0 L**	A (408)	**1.0 L**
	PLASTIC (IP 2)	**1.0 L**		
	METAL (IP 3/3A)	**1.0 L**		
III	GLASS (IP.1)	**2.5 L**	B (414A)	**5.0 L**
	PLASTIC (IP 2)	**2.5 L**		
	METAL (IP 3/3A)	**5.0 L**		

ADDITIONAL PACKAGING REQUIREMENTS

- THE GENERAL PACKING REQUIREMENTS OF PART 4, CHAPTER 1 MUST BE MET.
- SUBSTANCES MUST BE COMPATABLE WITH THEIR PACKAGINGS AS REQUIRED BY 4; 1.1.3.

PG I

- FORBIDDEN

PG II

- SINGLE PACKAGINGS ARE NOT PERMITTED.
- GLASS OR EARTHENWARE INNER PACKAGINGS MUST BE PACKED WITH ABSORBENT MATERIAL AND ENCLOSED IN A LEAKPROOF RECEPTACLE BEFORE PLACING IN OUTER PACKAGINGS.
- PLASTIC AND METAL INNER PACKAGINGS MUST BE PLACED IN A LEAKPROOF LINER, PLASTIC BAG OR OTHER EQUALLY EFFICIENT MEANS OF INTERMEDIATE LEAKPROOF CONTAINMENT.

PG III

- SINGLE PACKAGINGS ARE PERMITTED.
- GLASS OR EARTHENWARE INNER PACKAGINGS MUST BE PACKED WITH ABSORBENT MATERIAL AND PLACED IN A LEAKPROOF RECEPTACLE BEFORE PACKING IN OUTER PACKAGINGS.
- PACKAGINGS MUST MEET THE LEVEL II PERFORMANCE STANDARDS.

OUTER CONTAINERS FOR COMBINATION PACKAGINGS

BOXES	DRUMS	JERRICANS
ALUMINUM (4B)	ALUMINUM (1B2)	ALUMINUM (3B2)
FIBREBOARD (4G)	FIBRE (1G)	PLASTIC (3H2)
PLYWOOD (4D)	PLASTIC (1H2)	STEEL (3A2)
RECONSTITUTED WOOD (4F)	PLYWOOD (1D)	
SOLID PLASTIC (4H2)	STEEL (1A2)	
STEEL (4A)		
WOODEN (4C1, 4C2)		

SINGLE PACKAGINGS FOR PG III

COMPOSITES (PLASTIC)	CYLINDERS	DRUMS	JERRICANS
ALL	SEE ??	ALUMINUM (1B1)	PLASTIC (3H1)
		PLASTIC (1H1)	STEEL (3A1)
		STEEL (1A1)	

CLASS 4.3 LIQUIDS CARGO AIRCRAFT
43CL

Packing Group	Inner Packaging	Inner Packaging Quantity	Packing Instruction	Outer Quantity
I	GLASS (IP.1)	**1.0 L**	A (409)	**1.0 L**
	PLASTIC (IP 2)	**FORBIDDEN**		
	METAL (IP 3/3A)	**1.0 L**		
II	GLASS (IP.1)	**2.5 L**	B (414)	**5.0 L**
	PLASTIC (IP 2)	**2.5 L**		
	METAL (IP 3/3A)	**5.0 L**		
III	GLASS (IP.1)	**5.0 L**	C (425)	**60.0 L**
	PLASTIC (IP 2)	**5.0 L**		
	METAL (IP 3/3A)	**10.0 L**		

ADDITIONAL PACKAGING REQUIREMENTS

- THE GENERAL PACKING REQUIREMENTS OF PART 4, CHAPTER 1 MUST BE MET.
- SUBSTANCES MUST BE COMPATABLE WITH THEIR PACKAGINGS AS REQUIRED BY 4; 1.1.3.

PG I

- SINGLE PACKAGINGS ARE NOT PERMITTED.
- PLASTIC INNER PACKAGINGS NOT PERMITTED.
- GLASS OR EARTHENWARE INNER PACKAGINGS MUST BE PACKED WITH ABSORBENT MATERIAL AND ENCLOSED IN A LEAKPROOF RECEPTACLE BEFORE PLACING IN OUTER PACKAGINGS.
- PLASTIC AND METAL INNER PACKAGINGS MUST BE PLACED IN A LEAKPROOF LINER, PLASTIC BAG OR OTHER EQUALLY EFFICIENT MEANS OF INTERMEDIATE LEAKPROOF CONTAINMENT
- METAL PACKAGINGS MUST BE CORROSION-RESISTANT OR WITH PROTECTION AGAINST CORROSION FOR SUBSTANCES WITH A CLASS 8 SUBRISK.

PG II

- SINGLE PACKAGINGS ARE NOT PERMITTED.
- GLASS OR EARTHENWARE INNER PACKAGINGS MUST BE PACKED WITH ABSORBENT MATERIAL AND ENCLOSED IN A LEAKPROOF RECEPTACLE BEFORE PLACING IN OUTER PACKAGINGS.
- PLASTIC AND METAL INNER PACKAGINGS MUST BE PLACED IN A LEAKPROOF LINER, PLASTIC BAG OR OTHER EQUALLY EFFICIENT MEANS OF INTERMEDIATE LEAKPROOF CONTAINMENT.

PG III

- SINGLE PACKAGINGS ARE PERMITTED.
- FOR COMBINATION PACKAGES, ALL INNER PACKAGINGS MUST BE PLACED IN A PLASTIC BAG OR OTHER EQUALLY EFFICIENT MEANS OF PROTECTION.
- PACKAGINGS MUST MEET THE LEVEL II PERFORMANCE STANDARDS.

OUTER CONTAINERS FOR COMBINATION PACKAGINGS

BOXES	DRUMS	JERRICANS
ALUMINUM (4B)	ALUMINUM (1B2)	ALUMINUM (3B2)
FIBREBOARD (4G)	FIBRE (1G)	PLASTIC (3H2)
PLYWOOD (4D)	PLASTIC (1H2)	STEEL (3A2)
RECONSTITUTED WOOD (4F)	PLYWOOD (1D)	
SOLID PLASTIC (4H2)	STEEL (1A2)	
STEEL (4A)		
WOODEN (4C1, 4C2)		

SINGLE PACKAGINGS FOR PG III

COMPOSITES (PLASTIC)	CYLINDERS	DRUMS	JERRICANS
ALL	SEE ??	ALUMINUM (1B1)	PLASTIC (3H1)
		PLASTIC (1H1)	STEEL (3A1)
		STEEL (1A1)	

CLASS 4.3 SOLIDS PASSENGER AIRCRAFT
43PS

Packing Group	Inner Packaging	Inner Packaging Quantity	Packing Instruction	Outer Quantity
I	GLASS (IP.1)	**FORBIDDEN**	FORBIDDEN	**FORBIDDEN**
	PLASTIC (IP 2)			
	METAL (IP 3/3A)			
	PLASTIC BAG (IP 5)			
II	GLASS (IP.1)	**1.0 KG**	A (415)	**15.0 KG**
	PLASTIC (IP 2)	**2.5 KG**		
	METAL (IP 3/3A)	**2.5 KG**		
	PLASTIC BAG (IP 5)	**1.0 KG**		
II	GLASS (IP.1)	**1.0 KG**	B (415A)	**15.0 KG**
	PLASTIC (IP 2)	**1.0 KG**		
	METAL (IP 3/3A)	**1.0 KG**		
III	GLASS (IP.1)	**5.0 KG**	C (419)	**25.0 KG**
	PLASTIC (IP 2)	**10.0 KG**		
	METAL (IP 3/3A)	**10.0 KG**		
	PLASTIC BAG (IP 5)	**5.0 KG**		
III	GLASS (IP.1)	**2.5 KG**	D (422)	**25.0 KG**
	PLASTIC (IP 2)	**2.5 KG**		
	METAL (IP 3/3A)	**5.0 KG**		

ADDITIONAL PACKAGING REQUIREMENTS

- THE GENERAL PACKING REQUIREMENTS OF PART 4, CHAPTER 1 MUST BE MET.
- SUBSTANCES MUST BE COMPATABLE WITH THEIR PACKAGINGS AS REQUIRED BY 4; 1.1.3.

PG II AND III

- SINGLE PACKAGINGS ARE NOT PERMITTED.
- GLASS OR EARTHENWARE INNER PACKAGINGS MUST BE PACKED IN OUTER PACKAGING WITH SUFFICIENT CUSHIONING MATERIAL TO PREVENT BREAKAGE.
- METAL PACKAGINGS MUST BE CORROSION-RESISTANT OR WITH PROTECTION AGAINST CORROSION FOR SUBSTANCES IN CLASS 8 OR CLASS 8 SUBSIDIARY RISK.
- FOR 4.3 AND WETTED SUBSTANCES WHERE THE OUTER PACKAGING IS NOT LEAKPROOF, A LEAKPROOF LINER OR EQUALLY EFFICIENT MEANS OF INTERMEDIATE LEAKPROOF CONTAINMENT MUST BE PROVIDED.

PG III ONLY

- SINGLE PACKAGINGS ARE PERMITTED.
- PACKAGINGS MUST MEET THE LEVEL II PERFORMANCE STANDARDS.
- FOR 4.3 AND WETTED SUBSTANCES WHERE THE OUTER PACKAGING IS NOT LEAKPROOF, A LEAKPROOF LINER OR EQUALLY EFFICIENT MEANS OF INTERMEDIATE LEAKPROOF CONTAINMENT MUST BE PROVIDED.

OUTER CONTAINERS FOR COMBINATION PACKAGINGS

BOXES	DRUMS	JERRICANS
ALUMINUM (4B)	ALUMINUM (1B2)	ALUMINUM (3B2)
FIBREBOARD (4G)	FIBRE (1G)	PLASTIC (3H2)
PLYWOOD (4D)	PLASTIC (1H2)	STEEL (3A2)
RECONSTITUTED WOOD (4F)	PLYWOOD (1D)	
SOLID PLASTIC (4H2)	STEEL (1A2)	
STEEL (4A)		
WOODEN (4C1, 4C2)		

CLASS 4.3 SOLIDS CARGO AIRCRAFT
43CS

Packing Group	Inner Packaging	Inner Packaging Quantity	Packing Instruction	Outer Quantity
I	GLASS (IP.1)	**1.0 KG**	A (411)	**15.0 KG**
	PLASTIC (IP 2)	**2.5 KG**		
	METAL (IP 3/3A)	**2.5 KG**		
	PLASTIC BAG (IP 5)	**2.5 KG**		
I	GLASS (IP.1)	**1.0 KG**	B (412)	**15.0 KG**
	PLASTIC (IP 2)	**1.0 KG**		
	METAL (IP 3/3A)	**1.0 KG**		
II	GLASS (IP.1)	**2.5 KG**	C (417)	**50.0 KG**
	PLASTIC (IP 2)	**5.0 KG**		
	METAL (IP 3/3A)	**5.0 KG**		
	PLASTIC BAG (IP 5)	**2.5 KG**		
III	GLASS (IP.1)	**5.0 KG**	D (420)	**100.0 KG**
	PLASTIC (IP 2)	**10.0 KG**		
	METAL (IP 3/3A)	**10.0 KG**		
	PLASTIC BAG (IP 5)	**5.0 KG**		
III	GLASS (IP.1)	**5.0 KG**	E (420A)	**100.0 KG**
	PLASTIC (IP 2)	**10.0 KG**		
	METAL (IP 3/3A)	**10.0 KG**		

ADDITIONAL PACKAGING REQUIREMENTS

- THE GENERAL PACKING REQUIREMENTS OF PART 4, CHAPTER 1 MUST BE MET.
- SUBSTANCES MUST BE COMPATABLE WITH THEIR PACKAGINGS AS REQUIRED BY 4; 1.1.3.

PG I AND PG II

- SINGLE PACKAGINGS ARE PERMITTED.
- GLASS OR EARTHENWARE INNER PACKAGINGS MUST BE PACKED IN OUTER PACKAGING WITH SUFFICIENT CUSHIONING MATERIAL TO PREVENT BREAKAGE.
- METAL PACKAGINGS MUST BE CORROSION-RESISTANT OR WITH PROTECTION AGAINST CORROSION FOR SUBSTANCES WITH A CLASS 8 SUBSIDIARY RISK.
- FOR 4.3 AND WETTED SUBSTANCES WHERE THE OUTER PACKAGING IS NOT LEAKPROOF, A LEAKPROOF LINER OR EQUALLY EFFICIENT MEANS OF INTERMEDIATE LEAKPROOF CONTAINMENT MUST BE PROVIDED.

PG III

- SINGLE PACKAGINGS ARE PERMITTED.
- PACKAGINGS MUST MEET THE LEVEL II PERFORMANCE STANDARDS.
- FOR 4.3 AND WETTED SUBSTANCES WHERE THE OUTER PACKAGING IS NOT LEAKPROOF, A LEAKPROOF LINER OR EQUALLY EFFICIENT MEANS OF INTERMEDIATE LEAKPROOF CONTAINMENT MUST BE PROVIDED.

OUTER CONTAINERS FOR COMBINATION PACKAGINGS

BOXES	DRUMS	JERRICANS
ALUMINUM (4B)	ALUMINUM (1B2)	ALUMINUM (3B2)
FIBREBOARD (4G)	FIBRE (1G)	PLASTIC (3H2)
PLYWOOD (4D)	PLASTIC (1H2)	STEEL (3A2)
RECONSTITUTED WOOD (4F)	PLYWOOD (1D)	
SOLID PLASTIC (4H2)	STEEL (1A2)	
STEEL (4A)		
WOODEN (4C1, 4C2)		

SINGLE PACKAGINGS FOR PG I, PG II AND PG III

COMPOSITES (PLASTIC)	CYLINDERS	DRUMS	JERRICANS
ALL	SEE ??	ALUMINUM (1B1)	PLASTIC (3H1)
		PLASTIC (1H1)	STEEL (3A1)
		STEEL (1A1)	

CLASS 4.1 SELF REACTIVE SUBSTANCES LIQUIDS AND SOLIDS PASSENGER AND CARGO AIRCRAFT

Aircraft and Form	Inner Packaging	Inner Packaging Quantity	Packing Instruction	Outer Quantity
PASSENGER LIQUID	UN3223 PLASTIC	.5 L	427	5.0 L
	UN3225 PLASTIC	.5 L		5.0 L
	UN3227 PLASTIC	1.0 L		10.0 L
	UN3229 PLASTIC	1.0 L		10.0 L
PASSENGER SOLID	UN3224 PLASTIC & PLASTIC BAG	0.5 KG	429	5.0 KG
	UN3226 PLASTIC & PLASTIC BAG	0.5 KG		5.0 KG
	UN3228 PLASTIC & PLASTIC BAG	1.0 KG		10.0 KG
	UN3230 PLASTIC & PLASTIC BAG	1.0 KG		10.0 KG
CARGO LIQUID	UN3223 PLASTIC	1.0 L	428	10.0 L
	UN3225 PLASTIC	1.0 L		10.0 L
	UN3227 PLASTIC	2.5 L		25.0 L
	UN3229 PLASTIC	2.5 L		25.0 L
CARGO SOLID	UN3224 PLASTIC & PLASTIC BAG	1.0 KG	430	10.0 KG
	UN3226 PLASTIC & PLASTIC BAG	1.0 KG		10.0 KG
	UN3228 PLASTIC & PLASTIC BAG	2.5 KG		25.0 KG
	UN3230 PLASTIC & PLASTIC BAG	2.5 KG		25.0 KG

ADDITIONAL PACKAGING REQUIREMENTS

- THE GENERAL PACKING REQUIREMENTS OF PART 4, CHAPTER 1 MUST BE MET.
- SUBSTANCES MUST BE COMPATABLE WITH THEIR PACKAGINGS AS REQUIRED BY 4; 1.1.3.

- SINGLE PACKAGINGS ARE NOT PERMITTED.
- PACKAGINGS MUST MEET THE LEVEL II PERFORMANCE STANDARDS.

OUTER CONTAINERS FOR COMBINATION PACKAGINGS

BOXES	DRUMS	JERRICANS
ALUMINUM (4B)	ALUMINUM (1B2)	ALUMINUM (3B2)
FIBREBOARD (4G)	FIBRE (1G)	PLASTIC (3H2)
PLYWOOD (4D)	PLASTIC (1H2)	STEEL (3A2)
RECONSTITUTED WOOD (4F)	PLYWOOD (1D)	
SOLID PLASTIC (4H2)	STEEL (1A2)	
STEEL (4A)		
WOODEN (4C1, 4C2)		

CLASS 4 SPECIAL SUBSTANCES LIQUIDS AND SOLIDS PASSENGER AND CARGO AIRCRAFT

Packing Group	Inner Packaging	Inner Packaging Quantity	Packing Instruction	Outer Quantity
PASSENGER AIRCRAFT				
NITROCELLULOS WITH WATER **UN2555** NITROCELLULOS WITH ALCOHOL **UN2556** NITROCELLULOS WITH OR WITHOUT PLASTICIZER **UN2557**	GLASS (IP.1)	**1.0 KG**	4X5A	**UN2555 15.0 KG** **UN2556 1.0 KG** **UN2557 1.0 KG**
	PLASTIC (IP 2)	**1.0 KG**		
	METAL (IP 3/3A)	**1.0 KG**		
	PLASTIC BAG (IP 5)	**1.0 KG**		
CARGO AIRCRAFT				
NITROCELLULOS WITH WATER **UN2555** NITROCELLULOS WITH ALCOHOL **UN2556** NITROCELLULOS WITH OR WITHOUT PLASTICIZER **UN2557**	GLASS (IP.1)	**1.0 KG**	4X5	**UN2555 50.0 KG** **UN2556 15.0 KG** **UN2557 15.0 KG**
	PLASTIC (IP 2)	**1.0 KG**		
	METAL (IP 3/3A)	**1.0 KG**		
	PLASTIC BAG (IP 5)	**1.0 KG**		
PASSENGER AND CARGO AIRCRAFT				
WETTED EXPLOSIVES	**SEE PI**	**SEE PI**	416A	**SEE PI**
CARBON ACTIVATED **UN1362**	**SEE PI**	**SEE PI**	426	**SEE PI**
2-BROMO-2-NITROPROPANE – 1,3-DIOL **UN3241**	**SEE PI**	**SEE PI**	434	**SEE PI**
ORGANOMETALLIC SUBSTANCES LIQUID, WATER REACTIVE, FLAMMABLE **UN3399**	**SEE PI**	**SEE PI**	431	**SEE PI**
FILMS NITRO-CELLULOSE BASE **UN1324**	**SEE PI**	**SEE PI**	400	**SEE PI**

NITROCELLULOSE MEMBRANE FILTERS **UN3270**	**SEE PI**	**SEE PI**	401	**SEE PI**
MATCHES, SAFETY **UN1944** AND MATCHES, WAX VESTA **UN1945**	**SEE PI**	**SEE PI**	404	**SEE PI**
BATTERIES CONTAINING SODIUM **UN3292**	**SEE PI**	**SEE PI**	433	**SEE PI**
CARGO AIRCRAFT ONLY				
CELLULOID **UN2000**	**SEE PI**	**SEE PI**	407	**SEE PI**
NITROGLYCERIN MISTURE DESENSITIZED NITROGLYCERIN MIXTURE DESENSITIZED **UN3319**	**SEE PI**	**SEE PI**	435	**SEE PI**

ADDITIONAL PACKAGING REQUIREMENTS

- THE GENERAL PACKING REQUIREMENTS OF PART 4, CHAPTER 1 MUST BE MET.
- SUBSTANCES MUST BE COMPATABLE WITH THEIR PACKAGINGS AS REQUIRED BY 4; 1.1.3.

SEE PACKING INSTRUCTIONS FOR DETAILED REQUIREMENTS

41SP01

<table>
<tr><td rowspan="6">FILMS NITRO-CELLULOSE BASE
UN1324</td><td colspan="2">PASSENGER AND CARGO AIRCRAFT</td></tr>
<tr><td>STEEL DRUMS (1A2)
ALUMINUM DRUMS (1B2)
ALUMINUM JERRICANS (3B2)
STEEL JERRICANS (3A2)
ALUMINUM (4B)
STEEL (4A)
WOODEN (4C1, 4C2)
PLYWOOD (4D)
RECONSTITUTED WOOD (4F)
BOXES OR PLYWOOD DRUMS (1D)
OR</td><td>UP TO OUTER QUANTITY</td></tr>
<tr><td>FIBREBOARD (4G)
SOLID PLASTIC (4H2)
BOXES OR FIBRE DRUMS (1G)</td><td>PERMITTED ONLY FOR 600 M OF FILM</td></tr>
<tr><td colspan="2">OUTER QUANTITY</td></tr>
<tr><td>PASSENGER AIRCRAFT – 25 KG</td><td>CARGO AIRCRAFT – 100 KG</td></tr>
</table>

- **PERMITTED** ON PASSENGER AND CARGO AIRCRAFT

ADDITIONAL PACKAGING REQUIREMENTS

- THE GENERAL PACKING REQUIREMENTS OF PART 4, CHAPTER 1 MUST BE MET.
- SUBSTANCES MUST BE COMPATABLE WITH THEIR PACKAGINGS AS REQUIRED BY 4; 1.1.3.
- ALL PACKAGINGS MUST MEET THE PG II PERFORMANCE LEVEL.
- EACH REEL MUST BE PLACED IN A TIGHTLY CLOSED METAL CAN OR STRONG CARDBOARD OR FIBREBOARD INNER PACKAGING WITH COVER HELD IN PLACE BY ADHESIVE TAPE OR PAPER;

41SP01LQ

<table>
<tr><td rowspan="5">LIMITED QUANTITIES ONLY
FILMS NITRO-
CELLULOSE BASE
UN1324</td><td colspan="2">PASSENGER AND CARGO AIRCRAFT</td></tr>
<tr><td>STEEL DRUMS
ALUMINUM DRUMS
ALUMINUM JERRICANS
STEEL JERRICANS
ALUMINUM
STEEL
WOODEN
PLYWOOD
RECONSTITUTED WOOD
BOXES OR PLYWOOD DRUMS
OR</td><td>UP TO A MAXIMUM NET QUANTITY OF 1 KG OF FILM IN EACH INNER PACKAGING</td></tr>
<tr><td>FIBREBOARD
SOLID PLASTIC
BOXES OR FIBRE DRUMS</td><td>PERMITTED ONLY FOR 600 M OR 1 KG (WHICHEVER IS THE MORE RESTRICTIVE) OF FILM IN ONE OUTER PACKAGE</td></tr>
<tr><td colspan="2">OUTER QUANTITY LIMITS</td></tr>
<tr><td colspan="2">10 KG</td></tr>
</table>

ADDITIONAL PACKAGING REQUIREMENTS

- THE GENERAL PACKING REQUIREMENTS OF PART 4;1.1 APPLICABLE TO PASSENGER AIRCRAFT MUST BE MET EXCEPT THAT THE REQUIREMENTS OF 4;1.1.2, 1.1.8 c), 1.1.8 e), AND 1.1.16 DO NOT APPLY.
- SUBSTANCES MUST BE COMPATABLE WITH THEIR PACKAGINGS AS REQUIRED BY 4; 1.1.3.
- THE LIMITATIONS AND PROVISIONS APPLY EQUALLY TO BOTH PASSENGER AND CARGO AIRCRAFT.
- SINGLE PACKAGINGS, INCLUDING COMPOSITES, ARE NOT PERMITTED.
- THE GROSS WEIGHT OF A LIMITED QUANTITY PACKAGE MUST NOT EXCEED 30 KG (66 LB).
- OUTER PACKAGINGS MUST BE SO DESIGNED THAT THEY MEET THE CONSTRUCTION REQUIREMENTS IN SUBSECTION 6;3.1.
- EACH PACKAGE OFFERED FOR TRANSPORT MUST BE CAPABLE OF WITHSTANDING A 1.2M DROP TEST (SEE 4;4.4.1), AND A 24 HOUR STACK TEST (SEE 4;4.4.2) AND A 95 kPa PRESSURE DIFFERENTIAL (SEE 4;1.1.6).
- EACH PACKAGE OFFERED FOR TRANSPORT MUST BE MARKED AS REQUIRED BY THE APPLICABLE PARAGRAPHS OF PART 5; CHAPTER 2.
- THE DANGEROUS GOODS TRANSPORT DOCUMENT REQUIRED BY 5;4.1 MUST CONTAIN THE WORDS “LIMITED QUANTITY” OR “LTD QTY”.
- EACH REEL MUST BE PLACED IN A TIGHTLY CLOSED METAL CAN OR STRONG CARDBOARD OR FIBREBOARD INNER PACKAGING WITH COVER HELD IN PLACE BY ADHESIVE TAPE OR PAPER;

41SP02

NITROCELLULOSE MEMBRANE FILTERS **UN3270**	**PASSENGER AND CARGO AIRCRAFT**	
	FIBREBOARD (4G) MEETING PERFROMANCE GROUP II REQUIREMENTS; OR	
	ALL OTHER PACKAGINGS MEETING PERFORMANCE GROUP II REQUIREMENTS PROVIDED THAT EXPLOSION IS NOT POSSIBLE BY REASON OF INCREASED INTERNAL PRESSURE.	
	OUTER QUANTITY	
	PASSENGER AIRCRAFT – 1 KG	**CARGO AIRCRAFT – 15 KG**

- **PERMITTED** ON PASSENGER AND CARGO AIRCRAFT

ADDITIONAL PACKAGING REQUIREMENTS

- THE GENERAL PACKING REQUIREMENTS OF PART 4, CHAPTER 1 MUST BE MET.
- SUBSTANCES MUST BE COMPATABLE WITH THEIR PACKAGINGS AS REQUIRED BY 4; 1.1.3.
- ALL PACKAGINGS MUST MEET THE PG II PERFORMANCE LEVEL.

41SP03

MATCHES, SAFETY **UN1944** AND MATCHES, WAX VESTA **UN1945**	**PASSENGER AND CARGO AIRCRAFT**	
	STEEL DRUMS (1A2) ALUMINIUM DRUMS (1B2) STEEL JERRICANS (3A2) ALUMINIUM JERRICANS (3B2) STEEL BOXES (4A), ALUMINIUM BOXES (4B) WOODEN BOXES (4C1, 4C2) PLYWOOD BOXES (4D) RECONSTITUTED WOOD BOXES (4F) FIBREBOARD BOXES (4G) SOLID PLASTIC BOXES (4H2)	

	PLYWOOD BOXES (ID) FIBRE DRUMS (1G) ; OR	
	STRONG FIBREBOARD CARTON, WHICH IS MADE OF STRAW-BOARD, COVERED WITH KRAFT PAPER, HAVING A SECURELY GLUED INSIDE LINING CONSISTING OF ALUMINIUM FOIL AT LEAST 0.01 MM THICK, THE CARTON TO HAVE A FULL DEPTH LID WITH ALL JOINTS SECURED WITH GUMMED PAPER TAPE; NO ADDITIONAL OUTER PACKAGING IS REQUIRED.	**UP TO A MAXIMUM OF 50 BOOKS.**
	OUTER QUANTITY	
	PASSENGER AIRCRAFT – 25 KG	**CARGO AIRCRAFT – 100 KG**

ADDITIONAL PACKAGING REQUIREMENTS

- THE GENERAL PACKING REQUIREMENTS OF PART 4, CHAPTER 1 MUST BE MET.
- SUBSTANCES MUST BE COMPATABLE WITH THEIR PACKAGINGS AS REQUIRED BY 4; 1.1.
- MATCHES, SAFETY (BOOK, CARD OR STRIKE ON BOX) MUST BE OF A TYPE THAT WILL NOT IGNITE SPONTANEOUSLY UNDER NORMAL CONDITIONS OF AIR TRANSPORT AND CAN BE READILY IGNITED BY FRICTION ONLY BY STRIKING ON THE MANUFACTURER'S BOX, BOOK OR CARD.
- MATCHES MUST BE TIGHTLY PACKED TO PREVENT MOVEMENT WITHIN THE PACKAGE AND IGNITION BY RUBBING AGAINST AN ADJOINING BOX, BOOK OR CARD.
- MATCHES MUST BE SECURELY WRAPPED IN PAPER OR FOIL, OR PACKED IN TIGHTLY CLOSED INNER PACKAGINGS.
- ALL PACKAGINGS MUST MEET THE PERFORMANCE REQUIREMENTS OF PACKING GROUP II.
- NOT MORE THAN 50 BOOKS OF MATCHES MAY BE PACKED IN ONE INNER PACKAGING.

41SP04

CELLULOID
UN2000

- **PERMITTED** ON PASSENGER AND CARGO AIRCRAFT

ADDITIONAL PACKAGING REQUIREMENTS

- THE GENERAL PACKING REQUIREMENTS OF PART 4, CHAPTER 1 MUST BE MET.
- SUBSTANCES MUST BE COMPATABLE WITH THEIR PACKAGINGS AS REQUIRED BY 4; 1.1.

<table>
<tr><th colspan="3">41SP05</th></tr>
<tr><td rowspan="11">WETTED EXPLOSIVES
CLASS 4.1 PG I</td><td colspan="2">PASSENGER AND CARGO AIRCRAFT</td></tr>
<tr><td>DIPICRYL SULPHIDE, WETTED
UN 2852</td><td>INNER PACKAGINGS MUST BE GLASS WITH A MAXIMUM QUANTITY OF 0.25 KG.</td></tr>
<tr><td>AMMONIUM PICRATE, WETTED
UN 1310</td><td rowspan="10">GLASS (IP 1) – 0.5 KG
PLASTIC (IP 2) – 0.5 KG
METAL (IP 3) – 0.5 KG
PLASTIC BAG – 0.5 KG</td></tr>
<tr><td>DINITROPHENOL, WETTED
1320</td></tr>
<tr><td>DINITROPHENOLATES, WETTED
UN1321</td></tr>
<tr><td>DINITRORESORCINOL, WETTED
UN1322</td></tr>
<tr><td>TRINITROPHENOL, WETTED
UN1344</td></tr>
<tr><td>SODIUM DINITRO-O-CRESOLATE, WETTED
UN1348</td></tr>
<tr><td>SODIUM PICRAMATE, WETTED
UN1349</td></tr>
<tr><td>ZIRCONIUM PICRAMATE, WETTED
UN1517</td></tr>
<tr><td>2-AMINO-4,6-DINITROPHENOL, WETTED
UN3317</td></tr>
<tr><td colspan="3">NOTE: THE SUBSTANCES LISTED ABOVE MUST BE IN LEAD FREE PACKAGINGS. ALL OTHER WETTED EXPLOSIVES ASSIGNED TO THIS PACKING INSTRUCTION ARE SUBJECT TO THE SAME QUANTITY LIMITATIONS.</td></tr>
</table>

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ADDITIONAL PACKAGING REQUIREMENTS

- THE GENERAL PACKING REQUIREMENTS OF PART 4, CHAPTER 1 MUST BE MET.
- SUBSTANCES MUST BE COMPATABLE WITH THEIR PACKAGINGS AS REQUIRED BY 4; 1.1.
- SINGLE PACKAGINGS ARE NOT PERMITTED.
- PACKAGINGS MUST BE DESIGNED AND CONSTRUCTED TO PREVENT THE LOSS OF WATER OR ALCOHOL CONTENT OR THE CONTENT OF THE PHLEGMATIZER.
- PACKAGINGS MUST BE SO CONSTRUCTED AND CLOSED SO AS TO AVOID AN EXPLOSIVE OVER PRESSURE OR PRESSURE BUILD-UP OF MORE THAN 300 KPA (3 BAR)
- THE TYPE OF PACKAGING AND MAXIMUM PERMITTED QUANTITY PER PACKAGING ARE LIMITED BY THE PROVISIONS OF PART 2, 1.5.2 AND MAY BE LESS THAN THE LIMITS SHOWN ABOVE.
- PLASTIC OR GLASS INNER PACKAGINGS MUST BE PACKED IN TIGHTLY CLOSED METAL OR RIGID PLASTIC RECEPTACLES BEFORE PACKING IN OUTER PACKAGINGS. INNER PACKAGINGS MUST BE PACKED WITH ABSORBENT MATERIAL IN SUFFICIENT QUANTITY TO ABSORB THE CONTENTS IN THE EVENT OF LEAKAGE.
- PACKAGINGS MUST BE LEAD FREE.

OUTER CONTAINERS FOR COMBINATION PACKAGINGS

BOXES	DRUMS	JERRICANS
ALUMINUM (4B)	ALUMINUM (1B2)	ALUMINUM (3B2)
FIBREBOARD (4G)	FIBRE (1G)	PLASTIC (3H2)
PLYWOOD (4D)	PLASTIC (1H2)	STEEL (3A2)
RECONSTITUTED WOOD (4F)	PLYWOOD (1D)	
SOLID PLASTIC (4H2)	STEEL (1A2)	
STEEL (4A)		
WOODEN (4C1, 4C2)		

41SP06

	CARGO AIRCRAFT ONLY INNER QUANTITIES		CARGO AIRCRAFT ONLY OUTER QUANTITIES
NITROCELLULOS WITH WATER **UN2555**	GLASS (IP.1)	**1.0 KG**	**UN2555 50.0 KG**
	PLASTIC (IP 2)	**1.0 KG**	
	METAL (IP 3/3A)	**1.0 KG**	
	PLASTIC BAG (IP 5)	**1.0 KG**	
NITROCELLULOS WITH ALCOHOL **UN2556**	GLASS (IP.1)	**1.0 KG**	**UN2556 15.0 KG**
	PLASTIC (IP 2)	**1.0 KG**	
	METAL (IP 3/3A)	**1.0 KG**	
	PLASTIC BAG (IP 5)	**1.0 KG**	
NITROCELLULOS WITH OR WITHOUT PLASTICIZER **UN2557**	GLASS (IP.1)	**1.0 KG**	**UN2557 15.0 KG**
	PLASTIC (IP 2)	**1.0 KG**	
	METAL (IP 3/3A)	**1.0 KG**	
	PLASTIC BAG (IP 5)	**1.0 KG**	

- **FORBIDDEN** ON PASSENGER AIRCRAFT
- **PERMITTED** ON CARGO AIRCRAFT ONLY

ADDITIONAL PACKAGING REQUIREMENTS

- THE GENERAL PACKING REQUIREMENTS OF PART 4, CHAPTER 1 MUST BE MET.
- SUBSTANCES MUST BE COMPATABLE WITH THEIR PACKAGINGS AS REQUIRED BY 4; 1.1.
- PACKAGINGS MUST BE DESIGNED AND CONSTRUCTED TO PREVENT THE LOSS OF WATER OR ALCOHOL CONTENT OR THE CONTENT OF THE PHLEGMATIZER.
- PACKAGINGS MUST BE SO CONSTRUCTED AND CLOSED SO AS TO AVOID AN EXPLOSIVE OVER PRESSURE BUILD UP OF MORE THAN 300 KPA (3 BAR).

OUTER CONTAINERS FOR COMBINATION PACKAGINGS

BOXES	DRUMS	JERRICANS
ALUMINUM (4B)	ALUMINUM (1B2)	ALUMINUM (3B2)
FIBREBOARD (4G)	FIBRE (1G)	PLASTIC (3H2)
PLYWOOD (4D)	PLASTIC (1H2)	STEEL (3A2)
RECONSTITUTED WOOD (4F)	PLYWOOD (1D)	
SOLID PLASTIC (4H2)	STEEL (1A2)	
STEEL (4A)		
WOODEN (4C1, 4C2)		

SINGLE PACKAGINGS FOR PG I, PG II AND PG III

COMPOSITES (PLASTIC)	CYLINDERS	DRUMS	JERRICANS
ALL	SEE ??	ALUMINUM (1B1)	PLASTIC (3H1)
		PLASTIC (1H1)	STEEL (3A1)
		STEEL (1A1)	

	PASSENGER AIRCRAFT ONLY INNER QUANTITIES		PASSENGER AIRCRAFT ONLY OUTER QUANTITIES
NITROCELLULOS WITH WATER **UN2555**	GLASS (IP.1)	**1.0 KG**	**UN2555 15.0 KG**
	PLASTIC (IP 2)	**1.0 KG**	
	METAL (IP 3/3A)	**1.0 KG**	
	PLASTIC BAG (IP 5)	**1.0 KG**	
NITROCELLULOS WITH ALCOHOL **UN2556**	GLASS (IP.1)	**1.0 KG**	**UN2556 1.0 KG**
	PLASTIC (IP 2)	**1.0 KG**	
	METAL (IP 3/3A)	**1.0 KG**	
	PLASTIC BAG (IP 5)	**1.0 KG**	
NITROCELLULOS WITH OR WITHOUT PLASTICIZER **UN2557**	GLASS (IP.1)	**1.0 KG**	**UN2557 1.0 KG**
	PLASTIC (IP 2)	**1.0 KG**	
	METAL (IP 3/3A)	**1.0 KG**	
	PLASTIC BAG (IP 5)	**1.0 KG**	

- **PERMITTED** ON PASSENGER AND CARGO AIRCRAFT.

ADDITIONAL PACKAGING REQUIREMENTS

- THE GENERAL PACKING REQUIREMENTS OF PART 4, CHAPTER 1 MUST BE MET.
- SUBSTANCES MUST BE COMPATABLE WITH THEIR PACKAGINGS AS REQUIRED BY 4; 1.1.
- PACKAGINGS MUST BE DESIGNED AND CONSTRUCTED TO PREVENT THE LOSS OF WATER OR ALCOHOL CONTENT OR THE CONTENT OF THE PHLEGMATIZER.
- PACKAGINGS MUST BE SO CONSTRUCTED AND CLOSED SO AS TO AVOID AN EXPLOSIVE OVER PRESSURE BUILD UP OF MORE THAN 300 KPA (3 BAR).

OUTER CONTAINERS FOR COMBINATION PACKAGINGS

BOXES	DRUMS	JERRICANS
ALUMINUM (4B)	ALUMINUM (1B2)	ALUMINUM (3B2)
FIBREBOARD (4G)	FIBRE (1G)	PLASTIC (3H2)
PLYWOOD (4D)	PLASTIC (1H2)	STEEL (3A2)
RECONSTITUTED WOOD (4F)	PLYWOOD (1D)	
SOLID PLASTIC (4H2)	STEEL (1A2)	
STEEL (4A)		
WOODEN (4C1, 4C2)		

41SP08

CARBON, ACTIVATED **UN1362**	**PASSENGER AND CARGO AIRCRAFT INNER PACKAGING**	
	PLASTIC (IP 2)	**0.1 KG**
	PASSENGER AND CARGO AIRCRAFT OUTER QUANTITY	
	0.5 KG	

- **PERMITTED** ON PASSENGER AND CARGO AIRCRAFT.

ADDITIONAL PACKAGING REQUIREMENTS

- THE GENERAL PACKING REQUIREMENTS OF PART 4, CHAPTER 1 MUST BE MET.
- SUBSTANCES MUST BE COMPATABLE WITH THEIR PACKAGINGS AS REQUIRED BY 4; 1.1.
- SINGLE PACKAGINGS ARE NOT PERMITTED.

OUTER CONTAINERS FOR COMBINATION PACKAGINGS

BOXES	DRUMS	JERRICANS
ALUMINUM (4B)	ALUMINUM (1B2)	ALUMINUM (3B2)
STEEL (4A)		

	CARGO AIRCRAFT INNER QUANTITIES		CARGO AIRCRAFT OUTER QUANTITIES
ORGANOMETALLIC SUBSTANCE, LIQUID, WATER-REACTIVE, FLAMMABLE **UN3399** **PG I**	**FORBIDDEN**		**FORBIDDEN**
ORGANOMETALLIC SUBSTANCE, LIQUID, WATER-REACTIVE, FLAMMABLE **UN3399** **PG II**	GLASS (IP 1)	**2.5 L**	**5.0 L**
	APPROPRIATE GAS CYLINDERS OR OTHER PRESSURE VESSELS	**2.5 L**	
ORGANOMETALLIC SUBSTANCE, LIQUID, WATER-REACTIVE, FLAMMABLE **UN3399** **PG III**	GLASS (IP 1)	**5.0 L**	**60.0 L**
	APPROPRIATE GAS CYLINDERS OR OTHER PRESSURE VESSELS	**5.0 L**	

- **FORBIDDEN** ON PASSENGER AIRCRAFT.
- **PERMITTED** ON CARGO AIRCRAFT.

ADDITIONAL PACKAGING REQUIREMENTS

- THE GENERAL PACKING REQUIREMENTS OF PART 4, CHAPTER 1 MUST BE MET.
- SUBSTANCES MUST BE COMPATABLE WITH THEIR PACKAGINGS AS REQUIRED BY 4; 1.1.3.
- ALL PACKAGINGS MUST MEET THE PG II PERFORMANCE LEVEL.
- GLASS OR EARTHENWARE INNER PACKAGINGS MUST BE PACKED WITH ABSORBENT MATERIAL AND ENCLOSED IN A LEAKPROOF RECEPTACLE BEFORE PLACING IN OUTER PACKAGINGS.
- SINGLE PACKAGINGS ARE NOT PERMITTED.

OUTER CONTAINERS FOR COMBINATION PACKAGINGS

BOXES	DRUMS	JERRICANS
ALUMINUM (4B)	ALUMINUM (1B2)	ALUMINUM (3B2)
FIBREBOARD (4G)	FIBRE (1G)	PLASTIC (3H2)
PLYWOOD (4D)	PLASTIC (1H2)	STEEL (3A2)

RECONSTITUTED WOOD (4F)	PLYWOOD (1D)	
SOLID PLASTIC (4H2)	STEEL (1A2)	
STEEL (4A)		
WOODEN (4C1, 4C2)		

41SP09

2-BROM-2-NITROPROPANE-1,3-DIOL **UN3241**	**INNER PACKAGING**		**PASSENGER AIRCRAFT OUTER QUANTITY**
	GLASS (IP.1)	**0.5 KG**	**25 KG**
	PLASTIC (IP 2)	**1.0 KG**	**CARGO AIRCRAFT OUTER QUANTITY**
	PLASTIC BAG (IP 5)	**1.0 KG**	**50 KG**

- **PERMITTED** ON PASSENGER AND CARGO AIRCRAFT.

ADDITIONAL PACKAGING REQUIREMENTS

- THE GENERAL PACKING REQUIREMENTS OF PART 4, CHAPTER 1 MUST BE MET.
- SUBSTANCES MUST BE COMPATABLE WITH THEIR PACKAGINGS AS REQUIRED BY 4; 1.1.3.
- ALL PACKAGINGS MUST MEET THE PACKING GROUP II PERFORMANCE REQUIREMENTS.

OUTER CONTAINERS FOR COMBINATION PACKAGINGS

BOXES	DRUMS	JERRICANS
ALUMINUM (4B)	ALUMINUM (1B2)	ALUMINUM (3B2)
FIBREBOARD (4G)	FIBRE (1G)	PLASTIC (3H2)
PLYWOOD (4D)	PLASTIC (1H2)	STEEL (3A2)
RECONSTITUTED WOOD (4F)	PLYWOOD (1D)	
SOLID PLASTIC (4H2)	STEEL (1A2)	

STEEL (4A)		
WOODEN (4C1, 4C2)		

SINGLE PACKAGINGS

COMPOSITES (PLASTIC)	CYLINDERS	DRUMS	JERRICANS
ALL	SEE ??	ALUMINUM (1B1)	PLASTIC (3H1)
		PLASTIC (1H1)	STEEL (3A1)
		STEEL (1A1)	

41SP10

NITROGLYCERIN MIXTURE DESENSITIZED, SOLID, N.O.S.
UN3319

SUBSTANCES ASSIGNED TO THIS INSTRUCTION MUST BE AS SPECIFIED BY THE COMPETENT AUTHORITY.

- **FORBIDDEN** ON PASSENGER AIRCRAFT.
- **PERMITTED** ON CARGO AIRCRAFT ONLY.

CLASS 5.1 LIQUIDS PASSENGER AIRCRAFT
51PL

Packing Group	Inner Packaging	Inner Packaging Quantity	Packing Instruction	Outer Quantity
I	GLASS (IP.1)	**FORBIDDEN**	FORBIDDEN	**FORBIDDEN**
	PLASTIC (IP 2)	**FORBIDDEN**		
	METAL (IP 3/3A)	**FORBIDDEN**		
II	GLASS (IP.1)	**1.0 L**	A (503)	**1.0 L**
	PLASTIC (IP 2)	**1.0 L**		
	METAL (IP 3/3A)	**1.0 L**		
III	GLASS (IP.1)	**2.5 L**	B (514)	**2.5 L**
	PLASTIC (IP 2)	**2.5 L**		
	METAL (IP 3/3A)	**2.5 L**		

ADDITIONAL PACKAGING REQUIREMENTS

- THE GENERAL PACKING REQUIREMENTS OF PART 4, CHAPTER 1 MUST BE MET.
- SUBSTANCES MUST BE COMPATABLE WITH THEIR PACKAGINGS AS REQUIRED BY 4; 1.1.3.

PG I

- FORBIDDEN

PG II

- SINGLE PACKAGINGS ARE NOT PERMITTED.
- GLASS OR EARTHENWARE INNER PACKAGINGS MUST BE PACKED WITH ABSORBENT MATERIAL AND PLACED IN A LEAKPROOF RECEPTACLE BEFORE PLACING IN OUTER PACKAGINGS.
- PLASTIC AND METAL INNER PACKAGINGS MUST BE PLACED IN A LEAKPROOF LINER, PLASTIC BAG OR OTHER EQUALLY EFFICIENT MEANS OF INTERMEDIATE LEAKPROOF CONTAINMENT.
- METAL PACKAGINGS MUST BE CORROSION-RESISTANT OR WITH PROTECTION AGAINST CORROSION FOR SUBSTANCES WITH A CLASS 8 SUBRISK.

PG III

- SINGLE PACKAGINGS ARE NOT PERMITTED.
- FOR COMBINATION PACKAGES, ALL INNER PACKAGINGS MUST BE PLACED IN A PLASTIC BAG OR OTHER EQUALLY EFFICIENT MEANS OF PROTECTION.
- PACKAGINGS MUST MEET THE LEVEL II PERFORMANCE STANDARDS.

OUTER CONTAINERS FOR COMBINATION PACKAGINGS

BOXES	DRUMS	JERRICANS
ALUMINUM (4B)	ALUMINUM (1B2)	ALUMINUM (3B2)
FIBREBOARD (4G)	FIBRE (1G)	PLASTIC (3H2)
PLYWOOD (4D)	PLASTIC (1H2)	STEEL (3A2)
RECONSTITUTED WOOD (4F)	PLYWOOD (1D)	
SOLID PLASTIC (4H2)	STEEL (1A2)	
STEEL (4A)		
WOODEN (4C1, 4C2)		

CLASS 5.1 LIQUIDS CARGO AIRCRAFT
51CL

Packing Group	Inner Packaging	Inner Packaging Quantity	Packing Instruction	Outer Quantity
I	GLASS (IP.1)	**1.0 L**	A (501)	**2.5 L**
	PLASTIC (IP 2)	**1.0 L**		
	METAL (IP 3/3A)	**1.0 L**		
II	GLASS (IP.1)	**2.5 L**	B (505)	**5.0 L**
	PLASTIC (IP 2)	**2.5 L**		
	METAL (IP 3/3A)	**2.5 L**		
III	GLASS (IP.1)	**5.0 L**	C (515)	**30.0 L**
	PLASTIC (IP 2)	**5.0 L**		
	METAL (IP 3/3A)	**5.0 L**		

ADDITIONAL PACKAGING REQUIREMENTS

- THE GENERAL PACKING REQUIREMENTS OF PART 4, CHAPTER 1 MUST BE MET.
- SUBSTANCES MUST BE COMPATABLE WITH THEIR PACKAGINGS AS REQUIRED BY 4; 1.1.3.

PG I

- SINGLE PACKAGINGS ARE NOT PERMITTED.
- GLASS OR EARTHENWARE INNER PACKAGINGS MUST BE PACKED WITH ABSORBENT MATERIAL AND ENCLOSED IN A LEAKPROOF RECEPTACLE BEFORE PLACING IN OUTER PACKAGINGS.
- PLASTIC AND METAL INNER PACKAGINGS MUST BE PLACED IN A LEAKPROOF LINER, PLASTIC BAG OR OTHER EQUALLY EFFICIENT MEANS OF INTERMEDIATE LEAKPROOF CONTAINMENT
- METAL PACKAGINGS MUST BE CORROSION-RESISTANT OR WITH PROTECTION AGAINST CORROSION FOR SUBSTANCES WITH A CLASS 8 SUBRISK.

PG II

- SINGLE PACKAGINGS ARE NOT PERMITTED.
- GLASS OR EARTHENWARE INNER PACKAGINGS MUST BE PACKED WITH ABSORBENT MATERIAL AND PLACED IN A LEAKPROOF RECEPTACLE BEFORE PACKING IN OUTER PACKAGINGS.
- FOR COMBINATION PACKAGES, ALL INNER PACKAGINGS MUST BE PLACED IN A LEAKPROOF LINER, PLASTIC BAG OR OTHER EQUALLY EFFICIENT MEANS OF INTERMEDIATE LEAKPROOF CONTAINMENT.

PG III

- SINGLE PACKAGINGS ARE PERMITTED.
- FOR COMBINATION PACKAGES, ALL INNER PACKAGINGS MUST BE PLACED IN A PLASTIC BAG OR OTHER EQUALLY EFFICIENT MEANS OF PROTECTION.
- PACKAGINGS MUST MEET THE LEVEL II PERFORMANCE STANDARDS.

OUTER CONTAINERS FOR COMBINATION PACKAGINGS

BOXES	DRUMS	JERRICANS
ALUMINUM (4B)	ALUMINUM (1B2)	ALUMINUM (3B2)
FIBREBOARD (4G)	FIBRE (1G)	PLASTIC (3H2)
PLYWOOD (4D)	PLASTIC (1H2)	STEEL (3A2)
RECONSTITUTED WOOD (4F)	PLYWOOD (1D)	
SOLID PLASTIC (4H2)	STEEL (1A2)	
STEEL (4A)		
WOODEN (4C1, 4C2)		

SINGLE PACKAGINGS FOR PG III

COMPOSITES (PLASTIC)	CYLINDERS	DRUMS	JERRICANS
ALL	SEE ??	ALUMINUM (1B1)	PLASTIC (3H1)
		PLASTIC (1H1)	STEEL (3A1)
		STEEL (1A1)	

CLASS 5.1 SOLIDS PASSENGER AIRCRAFT
51PS

Packing Group	Inner Packaging	Inner Packaging Quantity	Packing Instruction	Outer Quantity
I	GLASS (IP.1)	**1.0 KG**	A (509)	**1.0 KG**
	PLASTIC (IP 2)	**1.0 KG**		
	METAL (IP 3/3A)	**1.0 KG**		
II	GLASS (IP.1)	**1.0 KG**	B (508)	**5.0 KG**
	PLASTIC (IP 2)	**1.0 KG**		
	METAL (IP 3/3A)	**1.0 KG**		
	PAPER BAG (IP 4)	**1.0 KG**		
	PLASTIC BAG (IP 5)	**1.0 KG**		
	FIBRE (IP 6)	**1.0 KG**		
III	GLASS (IP.1)	**2.5 KG**	C (516)	**25.0 KG**
	PLASTIC (IP 2)	**2.5 KG**		
	METAL (IP 3/3A)	**2.5 KG**		
	PAPER BAG (IP 4)	**2.5 KG**		
	PLASTIC BAG (IP 5)	**2.5 KG**		
	FIBRE (IP 6)	**2.5 KG**		

ADDITIONAL PACKAGING REQUIREMENTS

- THE GENERAL PACKING REQUIREMENTS OF PART 4, CHAPTER 1 MUST BE MET.
- SUBSTANCES MUST BE COMPATABLE WITH THEIR PACKAGINGS AS REQUIRED BY 4; 1.1.3.

PG I and II

- SINGLE PACKAGINGS ARE NOT PERMITTED.
- GLASS OR EARTHENWARE INNER PACKAGINGS MUST BE PACKED IN OUTER PACKAGING WITH SUFFICIENT CUSHIONING MATERIAL TO PREVENT BREAKAGE.
- METAL PACKAGINGS MUST BE CORROSION-RESISTANT OR WITH PROTECTION AGAINST CORROSION FOR SUBSTANCES WITH A CLASS 8 SUBSIDIARY RISK.
- FOR WETTED SUBSTANCES IN 5.1 WHERE THE OUTER PACKAGING IS NOT LEAKPROOF, A LEAKPROOF LINER OR EQUALLY EFFICIENT MEANS OF INTERMEDIATE LEAKPROOF CONTAINMENT MUST BE PROVIDED.

PG III

- SINGLE PACKAGINGS ARE NOT PERMITTED.
- PACKAGINGS MUST MEET THE LEVEL II PERFORMANCE STANDARDS.
- FOR WETTED SUBSTANCES IN 5.1 WHERE THE OUTER PACKAGING IS NOT LEAKPROOF, A LEAKPROOF LINER OR EQUALLY EFFICIENT MEANS OF INTERMEDIATE LEAKPROOF CONTAINMENT MUST BE PROVIDED.

OUTER CONTAINERS FOR COMBINATION PACKAGINGS

BOXES	DRUMS	JERRICANS
ALUMINUM (4B)	ALUMINUM (1B2)	ALUMINUM (3B2)
FIBREBOARD (4G)	FIBRE (1G)	PLASTIC (3H2)
PLYWOOD (4D)	PLASTIC (1H2)	STEEL (3A2)
RECONSTITUTED WOOD (4F)	PLYWOOD (1D)	
SOLID PLASTIC (4H2)	STEEL (1A2)	
STEEL (4A)		
WOODEN (4C1, 4C2)		

CLASS 5.1 SOLIDS CARGO AIRCRAFT
51CS

Packing Group	Inner Packaging	Inner Packaging Quantity	Packing Instruction	Outer Quantity
I	GLASS (IP.1)	**1.0 KG**	A (512)	**15.0 KG**
	PLASTIC (IP 2)	**1.0 KG**		
	METAL (IP 3/3A)	**1.0 KG**		
II	GLASS (IP.1)	**2.5 KG**	B (511)	**25.0 KG**
	PLASTIC (IP 2)	**2.5 KG**		
	METAL (IP 3/3A)	**5.0 KG**		
	PAPER BAG (IP 4)	**2.5 KG**		
	PLASTIC BAG (IP 5)	**2.5 KG**		
	FIBRE (IP 6)	**2.5 KG**		
III	GLASS (IP.1)	**5.0 KG**	C (518)	**100.0 KG**
	PLASTIC (IP 2)	**5.0 KG**		
	METAL (IP 3/3A)	**5.0 KG**		
	PAPER BAG (IP 4)	**5.0 KG**		
	PLASTIC BAG (IP 5)	**5.0 KG**		
	FIBRE (IP 6)	**5.0 KG**		

ADDITIONAL PACKAGING REQUIREMENTS

- THE GENERAL PACKING REQUIREMENTS OF PART 4, CHAPTER 1 MUST BE MET.
- SUBSTANCES MUST BE COMPATABLE WITH THEIR PACKAGINGS AS REQUIRED BY 4; 1.1.3.

PG I

- SINGLE PACKAGINGS ARE PERMITTED.
- GLASS OR EARTHENWARE INNER PACKAGINGS MUST BE PACKED IN OUTER PACKAGING WITH SUFFICIENT CUSHIONING MATERIAL TO PREVENT BREAKAGE.
- METAL PACKAGINGS MUST BE CORROSION-RESISTANT OR WITH PROTECTION AGAINST CORROSION FOR SUBSTANCES WITH A CLASS 8 SUBRISK.
- FOR WETTED SUBSTANCES IN 5.1 WHERE THE OUTER PACKAGING IS NOT LEAKPROOF, A LEAKPROOF LINER OR EQUALLY EFFICIENT MEANS OF INTERMEDIATE LEAKPROOF CONTAINMENT MUST BE PROVIDED.

PG II

- SINGLE PACKAGINGS ARE PERMITTED.
- GLASS OR EARTHENWARE INNER PACKAGINGS MUST BE PACKED IN OUTER PACKAGING WITH SUFFICIENT CUSHIONING MATERIAL TO PREVENT BREAKAGE.
- METAL PACKAGINGS MUST BE CORROSION-RESISTANT OR WITH PROTECTION AGAINST CORROSION FOR SUBSTANCES WITH A CLASS 8 SUBSIDIARY RISK.
- FOR WETTED SUBSTANCES IN 5.1 WHERE THE OUTER PACKAGING IS NOT LEAKPROOF, A LEAKPROOF LINER OR EQUALLY EFFICIENT MEANS OF INTERMEDIATE LEAKPROOF CONTAINMENT MUST BE PROVIDED.

PG III

- SINGLE PACKAGINGS ARE PERMITTED
- FOR WETTED SUBSTANCES IN 5.1 WHERE THE OUTER PACKAGING IS NOT LEAKPROOF, A LEAKPROOF LINER OR EQUALLY EFFICIENT MEANS OF INTERMEDIATE LEAKPROOF CONTAINMENT MUST BE PROVIDED.
- PACKAGINGS MUST MEET THE LEVEL II PERFORMANCE STANDARDS.

OUTER CONTAINERS FOR COMBINATION PACKAGINGS

BOXES	DRUMS	JERRICANS
ALUMINUM (4B)	ALUMINUM (1B2)	ALUMINUM (3B2)
FIBREBOARD (4G)	FIBRE (1G)	PLASTIC (3H2)
PLYWOOD (4D)	PLASTIC (1H2)	STEEL (3A2)
RECONSTITUTED WOOD (4F)	PLYWOOD (1D)	
SOLID PLASTIC (4H2)	STEEL (1A2)	
STEEL (4A)		
WOODEN (4C1, 4C2)		

SINGLE PACKAGINGS FOR PG I, PG II AND PG III

COMPOSITES (PLASTIC)	CYLINDERS	DRUMS	JERRICANS
ALL	SEE ??	ALUMINUM (1B1)	PLASTIC (3H1)
		PLASTIC (1H1)	STEEL (3A1)
		STEEL (1A1)	

CLASS 5.2 ORGANIC PEROXIDES LIQUIDS AND SOLIDS PASSENGER AND CARGO AIRCRAFT

Aircraft and Form	Inner Packaging	Inner Packaging Quantity	Packing Instruction	Outer Quantity
PASSENGER LIQUID	UN3103 PLASTIC	**0..5 L**	500	**5.0 L**
	UN3105 PLASTIC	**0..5 L**		**5.0 L**
	UN3107 PLASTIC	**1.0 L**		**10.0 L**
	UN3109 PLASTIC	**1.0 L**		**10.0 L**
PASSENGER SOLID	UN3104 PLASTIC & PLASTIC BAG	**0.5 KG**	510	**5.0 KG**
	UN3106 PLASTIC & PLASTIC BAG	**0.5 KG**		**5.0 KG**
	UN3108 PLASTIC & PLASTIC BAG	**1.0 KG**		**10.0 KG**
	UN3110 PLASTIC & PLASTIC BAG	**1.0 KG**		**10.0 KG**
CARGO LIQUID	UN3103 PLASTIC	**1.0 L**	502	**10.0 L**
	UN3105 PLASTIC	**1.0 L**		**10.0 L**
	UN3107 PLASTIC	**2.5 L**		**25.0 L**
	UN3109 PLASTIC	**2.5 L**		**25.0 L**
CARGO SOLID	UN3104 PLASTIC & PLASTIC BAG	**1.0 KG**	513	**10.0 KG**
	UN3106 PLASTIC & PLASTIC BAG	**1.0 KG**		**10.0 KG**
	UN3108 PLASTIC & PLASTIC BAG	**2.5 KG**		**25.0 KG**
	UN3110 PLASTIC & PLASTIC BAG	**2.5 KG**		**25.0 KG**

ADDITIONAL PACKAGING REQUIREMENTS

- THE GENERAL PACKING REQUIREMENTS OF PART 4, CHAPTER 1 MUST BE MET.
- SUBSTANCES MUST BE COMPATABLE WITH THEIR PACKAGINGS AS REQUIRED BY 4; 1.1.3.

- SINGLE PACKAGINGS ARE NOT PERMITTED.
- PACKAGINGS MUST MEET THE LEVEL II PERFORMANCE STANDARDS.

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OUTER CONTAINERS FOR COMBINATION PACKAGINGS

BOXES	DRUMS	JERRICANS
ALUMINUM (4B)	ALUMINUM (1B2)	ALUMINUM (3B2)
FIBREBOARD (4G)	FIBRE (1G)	PLASTIC (3H2)
PLYWOOD (4D)	PLASTIC (1H2)	STEEL (3A2)
RECONSTITUTED WOOD (4F)	PLYWOOD (1D)	
SOLID PLASTIC (4H2)	STEEL (1A2)	
STEEL (4A)		
WOODEN (4C1, 4C2)		

CLASS 5.1 SPECIAL SUBSTANCES
CARGO AIRCRAFT

Packing Group	Inner Packaging	Inner Packaging Quantity	Packing Instruction	Outer Quantity
CARGO AIRCRAFT ONLY				
OXYGEN GENERATOR, CHEMICAL **UN3356**	**SEE PI**	**SEE PI**	523	**SEE PI**

SEE PACKING INSTRUCTIONS FOR DETAILED REQUIREMENTS

51SP01

OXYGEN GENERATOR, CHEMICAL
UN3356
(CONTAINING OXIDIZING SUBSTANCES, INCLUDING WHEN FITTED IN ASSOCIATED EQUIPMENT, E.G. PASSENGER SERVICE UNITS (PSU), PORTABLE BREATHING EQUIPMENT (PBE) MUST MEET ALL THE FOLLOWING CONDITIONS:

- FORBIDDEN ON PASSENGER AIRCRAFT
- PERMITTED ON CARGO AIRCRAFT ONLY

ADDITIONAL PACKAGING REQUIREMENTS

- THE GENERAL PACKING REQUIREMENTS OF PART 4, CHAPTER 1 MUST BE MET.
- THE GENERATOR, WITHOUT ITS PACKAGING, MUST BE CAPABLE OF WITHSTANDING A 1.8 M DROP TEST ONTO A RIGID, NON-RESILIENT, FLAT AND HORIZONTAL SURFACE, IN THE POSITION MOST LIKELY TO CAUSE ACTUATION, WITHOUT LOSS OF ITS CONTENTS AND WITHOUT ACTUATION. FOR PBE, WHICH ARE IN A VACUUM-SEALED BAG AS PART OF THEIR CONTAINMENT SYSTEM, THIS TEST MAY BE CONDUCTED ON THE PBE IN THE VACUUM-SEALED BAG;
- WHEN A GENERATOR IS EQUIPPED WITH AN ACTUATING DEVICE, IT MUST HAVE AT LEAST TWO POSITIVE MEANS OF PREVENTING UNINTENTIONAL ACTUATION. FOR PBE, WHICH ARE IN A VACUUM-SEALED BAG AS PART OF THEIR CONTAINMENT SYSTEM, THE VACUUM-SEALED BAG MAY BE CONSIDERED THE SECOND POSITIVE MEANS OF PREVENTING UNINTENTIONAL ACTUATION;
- THE GENERATOR(S) MUST BE TRANSPORTED IN A PACKAGE WHICH WILL MEET THE FOLLOWING REQUIREMENTS WHEN ONE GENERATOR IN THE PACKAGE IS ACTUATED:

  1) OTHER GENERATORS IN THE PACKAGE WILL NOT BE ACTUATED;
  2) PACKAGING MATERIAL WILL NOT IGNITE; AND
  3) THE OUTSIDE SURFACE TEMPERATURE OF THE COMPLETED PACKAGE WILL NOT EXCEED 100°C;

(NOTE. - TO ENABLE TEST C) 1), 2) AND 3) TO BE CONDUCTED ON PBE, IT IS ACCEPTABLE TO BREAK THE VACUUM-SEALED BAG TO ACTUATE THE GENERATOR FORE PLACING IT IN THE PACKAGE.)

GENERATOR(S) MUST BE TIGHTLY PACKED IN:

BOXES	DRUMS	JERRICANS
ALUMINUM (4B)	ALUMINUM (1B2)	PLASTIC (3H2)
FIBREBOARD (4G)	FIBRE (1G)	STEEL (3A2)
PLYWOOD (4D)	PLASTIC (1H2)	
RECONSTITUTED WOOD (4F)	PLYWOOD (1D)	
SOLID PLASTIC (4H2)	STEEL (1A2)	
STEEL (4A)		
WOODEN (4C1, 4C2)		
SOLID PLASTIC (4H2)		

CLASS 6.1 LIQUIDS PASSENGER AIRCRAFT
61PL

Packing Group	Inner Packaging	Inner Packaging Quantity	Packing Instruction	Outer Quantity
I	GLASS (IP.1)	**0.5 L**	A 603	**.05 L**
	PLASTIC (IP 2)	**0.5 L**		
	METAL (IP 3/3A)	**1.0 L**		
I	GLASS (IP.1)	**0.5 L**	B (603A)	**1.0 L**
	PLASTIC (IP 2)	**0.5 L**		
	METAL (IP 3/3A)	**1.0 L**		
II	GLASS (IP.1)	**1.0 L**	C 610 WAS D	**1.0 L**
	PLASTIC (IP 2)	**1.0 L**		
	METAL (IP 3/3A)	**1.0 L**		
II	GLASS (IP.1)	**1.0 L**	D 609 WAS C	**5.0 L**
	PLASTIC (IP 2)	**1.0 L**		
	METAL (IP 3/3A)	**2.5 L**		
III	GLASS (IP.1)	**2.5 L**	E 605	**60.0 L**
	PLASTIC (IP 2)	**2.5 L**		
	METAL (IP 3/3A)	**5.0 L**		

ADDITIONAL PACKAGING REQUIREMENTS

- THE GENERAL PACKING REQUIREMENTS OF PART 4, CHAPTER 1 MUST BE MET.
- SUBSTANCES MUST BE COMPATABLE WITH THEIR PACKAGINGS AS REQUIRED BY 4; 1.1.3.

PG I

- SINGLE PACKAGINGS ARE NOT PERMITTED.
- GLASS OR EARTHENWARE INNER PACKAGINGS MUST BE PACKED WITH ABSORBENT MATERIAL AND PLACED IN A LEAKPROOF RECEPTACLE BEFORE PLACING IN OUTER PACKAGINGS.
- PLASTIC AND METAL INNER PACKAGINGS MUST BE PLACED IN A LEAKPROOF LINER, PLASTIC BAG OR OTHER EQUALLY EFFICIENT MEANS OF INTERMEDIATE LEAKPROOF CONTAINMENT.
- METAL PACKAGINGS MUST BE CORROSION-RESISTANT OR WITH PROTECTION AGAINST CORROSION FOR SUBSTANCES WITH A CLASS 8 SUBRISK.

PG II

- SINGLE PACKAGINGS ARE NOT PERMITTED.
- GLASS OR EARTHENWARE INNER PACKAGINGS MUST BE PACKED WITH ABSORBENT MATERIAL AND PLACED IN A LEAKPROOF RECEPTACLE BEFORE PLACING IN OUTER PACKAGINGS.
- PLASTIC AND METAL INNER PACKAGINGS MUST BE PLACED IN A LEAKPROOF LINER, PLASTIC BAG OR OTHER EQUALLY EFFICIENT MEANS OF INTERMEDIATE LEAKPROOF CONTAINMENT.

PG III

- SINGLE PACKAGINGS ARE PERMITTED.
- FOR COMBINATION PACKAGES, ALL INNER PACKAGINGS MUST BE PLACED IN A LEAKPROOF LINER, PLASTIC BAG OR OTHER EQUALLY EFFICIENT MEANS OF INTERMEDIATE LEAKPROOF CONTAINMENT.

OUTER CONTAINERS FOR COMBINATION PACKAGINGS

BOXES	DRUMS	JERRICANS
ALUMINUM (4B)	ALUMINUM (1B2)	ALUMINUM (3B2)
FIBREBOARD (4G)	FIBRE (1G)	PLASTIC (3H2)
PLYWOOD (4D)	PLASTIC (1H2)	STEEL (3A2)
RECONSTITUTED WOOD (4F)	PLYWOOD (1D)	
SOLID PLASTIC (4H2)	STEEL (1A2)	
STEEL (4A)		
WOODEN (4C1, 4C2)		

SINGLE PACKAGINGS FOR PG III

COMPOSITES (PLASTIC)	CYLINDERS	DRUMS	JERRICANS
ALL	SEE ??	ALUMINUM (1B1)	PLASTIC (3H1)
		PLASTIC (1H1)	STEEL (3A1)
		STEEL (1A1)	

CLASS 6.1 LIQUIDS CARGO AIRCRAFT
61CL

Packing Group	Inner Packaging	Inner Packaging Quantity	Packing Instruction	Outer Quantity
I	GLASS (IP.1)	**1.0 L**	A (604)	**2.5 L**
	PLASTIC (IP 2)	**1.0 L**		
	METAL (IP 3/3A)	**2.5 L**		
I	GLASS (IP.1)	**1.0 L**	B (604A)	**30.0L**
	PLASTIC (IP 2)	**1.0 L**		
	METAL (IP 3/3A)	**2.5 L**		
II	GLASS (IP.1)	**1.0 L**	C (612)	**5.0 L**
	PLASTIC (IP 2)	**1.0 L**		
	METAL (IP 3/3A)	**2.5 L**		
II	GLASS (IP.1)	**1.0 L**	D (612A)	**30.0 L**
	PLASTIC (IP 2)	**1.0 L**		
	METAL (IP 3/3A)	**2.5 L**		
II	GLASS (IP.1)	**1.0 L**	E (NEW)	**60.0 L**
	PLASTIC (IP 2)	**1.0 L**		
	METAL (IP 3/3A)	**2.5 L**		
II AND UN1888 PGIII	GLASS (IP.1)	**2.5 L**	F (611)	**60.0 L**
	PLASTIC (IP 2)	**2.5 L**		
	METAL (IP 3/3A)	**5.0 L**		
III	GLASS (IP.1)	**5.0 L**	G (618)	**220.0 L**
	PLASTIC (IP	**5.0 L**		

	2)			
	METAL (IP 3/3A)	**10.0 L**		
III	GLASS (IP.1)	**1.0 L**	H (NEW)	**220.0 L**
	PLASTIC (IP 2)	**1.0 L**		
	METAL (IP 3/3A)	**2.5 L**		

ADDITIONAL PACKAGING REQUIREMENTS

- THE GENERAL PACKING REQUIREMENTS OF PART 4, CHAPTER 1 MUST BE MET.
- SUBSTANCES MUST BE COMPATABLE WITH THEIR PACKAGINGS AS REQUIRED BY 4; 1.1.3.

PG I

- SINGLE PACKAGINGS ARE PERMITTED.
- GLASS OR EARTHENWARE INNER PACKAGINGS MUST BE PACKED WITH ABSORBENT MATERIAL AND PLACED IN A LEAKPROOF RECEPTACLE BEFORE PLACING IN OUTER PACKAGINGS.
- FOR COMBINATION PACKAGES, PLASTIC AND METAL INNER PACKAGINGS MUST BE PLACED IN A LEAKPROOF LINER, PLASTIC BAG OR OTHER EQUALLY EFFICIENT MEANS OF INTERMEDIATE LEAKPROOF CONTAINMENT.
- METAL PACKAGINGS MUST BE CORROSION-RESISTANT OR WITH PROTECTION AGAINST CORROSION FOR SUBSTANCES WITH A CLASS 8 SUBRISK.

PG II

- SINGLE PACKAGINGS ARE PERMITTED.
- GLASS OR EARTHENWARE INNER PACKAGINGS MUST BE PACKED WITH ABSORBENT MATERIAL AND PLACED IN A LEAKPROOF RECEPTACLE BEFORE PLACING IN OUTER PACKAGINGS.
- ALL INNER PACKAGINGS MUST BE PLACED IN A LEAKPROOF LINER, PLASTIC BAG OR OTHER EQUALLY EFFICIENT MEANS OF INTERMEDIATE LEAKPROOF CONTAINMENT.

PG III

- SINGLE PACKAGINGS ARE PERMITTED.
- FOR COMBINATION PACKAGES, ALL INNER PACKAGINGS MUST BE PLACED IN A PLASTIC BAG OR OTHER EQUALLY EFFICIENT MEANS OF PROTECTION.

OUTER CONTAINERS FOR COMBINATION PACKAGINGS

BOXES	DRUMS	JERRICANS
ALUMINUM (4B)	ALUMINUM (1B2)	ALUMINUM (3B2)
FIBREBOARD (4G)	FIBRE (1G)	PLASTIC (3H2)
PLYWOOD (4D)	PLASTIC (1H2)	STEEL (3A2)
RECONSTITUTED WOOD (4F)	PLYWOOD (1D)	
SOLID PLASTIC (4H2)	STEEL (1A2)	
STEEL (4A)		
WOODEN (4C1, 4C2)		

SINGLE PACKAGINGS FOR PG I, PG II AND PG III

COMPOSITES (PLASTIC)	CYLINDERS	DRUMS	JERRICANS
ALL	SEE ??	ALUMINUM (1B1)	PLASTIC (3H1)
		PLASTIC (1H1)	STEEL (3A1)
		STEEL (1A1)	

CLASS 6.1 SOLIDS PASSENGER AIRCRAFT
61PS

Packing Group	Inner Packaging	Inner Packaging Quantity	Packing Instruction	Outer Quantity
I	GLASS (IP.1)	**0.5 KG**	A (606)	**1.0 KG**
	PLASTIC (IP 2)	**1.0 KG**		
	METAL (IP 3/3A)	**1.0 KG**		
I	GLASS (IP.1)	**0.5 KG**	B (606A)	**5.0 KG**
	PLASTIC (IP 2)	**1.0 KG**		
	METAL (IP 3/3A)	**1.0 KG**		
II	GLASS (IP.1)	**1.0 KG**	C (613B)	**5.0 KG**
	PLASTIC (IP 2)	**2.5 KG**		
	METAL (IP 3/3A)	**2.5 KG**		
	PAPER BAG (IP 4)	**1.0 KG**		
	PLASTIC BAG (IP 5)	**1.0 KG**		
	FIBRE (IP 6)	**1.0 KG**		
II	GLASS (IP.1)	**1.0 KG**	D (607A)	**15.0 KG**
	PLASTIC (IP 2)	**2.5 KG**		
	METAL (IP 3/3A)	**2.5 KG**		
	PAPER BAG (IP 4)	**1.0 KG**		
	PLASTIC BAG (IP 5)	**1.0 KG**		
	FIBRE (IP 6)	**1.0 KG**		
II AND UN3249 III	GLASS (IP.1)	**1.0 KG**	E (613)	**25.0 KG**
	PLASTIC	**2.5 KG**		

	(IP 2)			
	METAL (IP 3/3A)	**2.5 KG**		
	PAPER BAG (IP 4)	**1.0 KG**		
	PLASTIC BAG (IP 5)	**1.0 KG**		
	FIBRE (IP 6)	**1.0 KG**		
III	GLASS (IP.1)	**5.0 KG**	F 619A	**100.0 KG**
	PLASTIC (IP 2)	**10.0 KG**		
	METAL (IP 3/3A)	**10.0 KG**		
	PAPER BAG (IP 4)	**5.0 KG**		
	PLASTIC BAG (IP 5)	**5.0 KG**		
	FIBRE (IP 6)	**5.0 KG**		

ADDITIONAL PACKAGING REQUIREMENTS

- THE GENERAL PACKING REQUIREMENTS OF PART 4, CHAPTER 1 MUST BE MET.
- SUBSTANCES MUST BE COMPATABLE WITH THEIR PACKAGINGS AS REQUIRED BY 4; 1.1.3.

PG I AND PG II

- SINGLE PACKAGINGS ARE NOT PERMITTED.
- GLASS OR EARTHENWARE INNER PACKAGINGS MUST BE PACKED IN OUTER PACKAGING WITH SUFFICIENT CUSHIONING MATERIAL TO PREVENT BREAKAGE.
- METAL PACKAGINGS MUST BE CORROSION-RESISTANT OR WITH PROTECTION AGAINST CORROSION FOR SUBSTANCES WITH A CLASS 8 SUBSIDIARY RISK.

PG III

- SINGLE PACKAGINGS ARE PERMITTED

OUTER CONTAINERS FOR COMBINATION PACKAGINGS

BOXES	DRUMS	JERRICANS
ALUMINUM (4B)	ALUMINUM (1B2)	ALUMINUM (3B2)
FIBREBOARD (4G)	FIBRE (1G)	PLASTIC (3H2)
PLYWOOD (4D)	PLASTIC (1H2)	STEEL (3A2)
RECONSTITUTED WOOD (4F)	PLYWOOD (1D)	
SOLID PLASTIC (4H2)	STEEL (1A2)	
STEEL (4A)		
WOODEN (4C1, 4C2)		

SINGLE PACKAGINGS FOR PG III

COMPOSITES (PLASTIC)	CYLINDERS	DRUMS	JERRICANS
ALL	SEE ??	ALUMINUM (1B1)	PLASTIC (3H1)
		PLASTIC (1H1)	STEEL (3A1)
		STEEL (1A1)	

CLASS 6.1 SOLIDS CARGO AIRCRAFT
61CS

Packing Group	Inner Packaging	Inner Packaging Quantity	Packing Instruction	Outer Quantity
I	GLASS (IP.1)	1.0 KG	A (NEW)	15.0 KG
	PLASTIC (IP 2)	2.5 KG		
	METAL (IP 3/3A)	2.5 KG		
	PAPER BAG (IP 4)	1.0 KG		
	PLASTIC BAG (IP 5)	1.0 KG		
	FIBRE (IP 6)	1.0 KG		
I	GLASS (IP.1)	1.0 KG	B (NEW)	25.0 KG
	PLASTIC (IP 2)	2.5 KG		
	METAL (IP 3/3A)	2.5 KG		
	PAPER BAG (IP 4)	1.0 KG		
	PLASTIC BAG (IP 5)	1.0 KG		
	FIBRE (IP 6)	1.0 KG		
I	GLASS (IP.1)	1.0 KG	C (607)	50.0 KG
	PLASTIC (IP 2)	2.5 KG		
	METAL (IP 3/3A)	2.5 KG		
	PAPER BAG (IP 4)	1.0 KG		
	PLASTIC BAG (IP 5)	1.0 KG		
	FIBRE (IP 6)	1.0 KG		
II	GLASS (IP.1)	2.5 KG	D (615B) WAS E	25.0 KG
	PLASTIC	5.0 KG		

	(IP 2)			
	METAL (IP 3/3A)	**5.0 KG**		
	PAPER BAG (IP 4)	**2.5 KG**		
	PLASTIC BAG (IP 5)	**2.5 KG**		
	FIBRE (IP 6)	**2.5 KG**		
II	GLASS (IP.1)	**2.5 KG**	E (615A) WAS F	**50.0 KG**
	PLASTIC (IP 2)	**5.0 KG**		
	METAL (IP 3/3A)	**5.0 KG**		
	PAPER BAG (IP 4)	**2.5 KG**		
	PLASTIC BAG (IP 5)	**2.5 KG**		
	FIBRE (IP 6)	**2.5 KG**		
II	GLASS (IP.1)	**2.5 KG**	F (615) WAS D	**100.0 KG**
	PLASTIC (IP 2)	**5.0 KG**		
	METAL (IP 3/3A)	**5.0 KG**		
	PAPER BAG (IP 4)	**2.5 KG**		
	PLASTIC BAG (IP 5)	**2.5 KG**		
	FIBRE (IP 6)	**2.5 KG**		
III	GLASS (IP.1)	**5.0 KG**	G 619	**200.0 KG**
	PLASTIC (IP 2)	**10.0 KG**		
	METAL (IP 3/3A)	**10.0 KG**		
	PAPER BAG (IP 4)	**5.0 KG**		
	PLASTIC BAG (IP 5)	**5.0 KG**		
	FIBRE (IP 6)	**5.0 KG**		

	PAPER, PLASTIC/ALUM (IP 10)	**5.0 KG**		

ADDITIONAL PACKAGING REQUIREMENTS

- THE GENERAL PACKING REQUIREMENTS OF PART 4, CHAPTER 1 MUST BE MET.
- SUBSTANCES MUST BE COMPATABLE WITH THEIR PACKAGINGS AS REQUIRED BY 4; 1.1.3.

PG I AND PG II

- SINGLE PACKAGINGS ARE PERMITTED.
- GLASS OR EARTHENWARE INNER PACKAGINGS MUST BE PACKED IN OUTER PACKAGING WITH SUFFICIENT CUSHIONING MATERIAL TO PREVENT BREAKAGE.
- METAL PACKAGINGS MUST BE CORROSION-RESISTANT OR WITH PROTECTION AGAINST CORROSION FOR SUBSTANCES WITH A CLASS 8 SUBSIDIARY RISK.

PG III

- SINGLE PACKAGINGS ARE PERMITTED.

OUTER CONTAINERS FOR COMBINATION PACKAGINGS

BOXES	DRUMS	JERRICANS
ALUMINUM (4B)	ALUMINUM (1B2)	ALUMINUM (3B2)
FIBREBOARD (4G)	FIBRE (1G)	PLASTIC (3H2)
PLYWOOD (4D)	PLASTIC (1H2)	STEEL (3A2)
RECONSTITUTED WOOD (4F)	PLYWOOD (1D)	
SOLID PLASTIC (4H2)	STEEL (1A2)	
STEEL (4A)		
WOODEN (4C1, 4C2)		

SINGLE PACKAGINGS FOR PG I, PG II AND PG III

COMPOSITES (PLASTIC)	CYLINDERS	DRUMS	JERRICANS
ALL	SEE ??	ALUMINUM (1B1)	PLASTIC (3H1)
		PLASTIC (1H1)	STEEL (3A1)
		STEEL (1A1)	

CLASS 6.1 SPECIAL SUBSTANCES
PASSENGER AND CARGO AIRCRAFT

Packing Group	Inner Packaging	Inner Packaging Quantity	Packing Instruction	Outer Quantity
CARGO AIRCRAFT ONLY				
AMMUNITION, TOXIC, NON-EXPLOSIVE WITHOUT BURSTER OR EXPELLING CHARGE, NON-FUZED **UN2016** AMMUNITION TEAR-PRODUCING, NON-EXPLOSIVE WITHOUT BURSTER OR EXPELLING CHARGE, NON-FUZED **UN2017** TEAR GAS CANDLE **UN1700**	**SEE PI**	**SEE PI**	600	**SEE PI**

SEE PACKING INSTRUCTIONS FOR DETAILED REQUIREMENTS

61SP01

AMMUNITTION, TOXIC, NON-EXPLOSIVE (WITHOUT IGNITION ELEMENTS, BURSTING CHARGES, DETONATING FUSES OR OTHER EXPLOSIVE COMPONENTS) **UN2016**	**OUTER QUANTITY** **100 KG**
AMMUNITION, TEAR-PRODUCING, NON-EXPLOSIVE (WITHOUT IGNITION ELEMENTS, BURSTING CHARGES, DETONATING FUSES OR OTHER EXPLOSIVE COMPONENTS) **UN2017**	**OUTER QUANTITY** **50 KG**

- **FORBIDDEN** ON PASSENGER AIRCRAFT
- **PERMITTED** ON CARGO AIRCRAFT ONLY

ADDITIONAL PACKAGING REQUIREMENTS

- THE GENERAL PACKING REQUIREMENTS OF PART 4, CHAPTER 1 MUST BE MET.
- SUBSTANCES MUST BE COMPATABLE WITH THEIR PACKAGINGS AS REQUIRED BY 4;1.1
- PACKAGINGS MUST MEET PACKING GROUP II PERFORMANCE REQUIREMENTS.
- THE ARTICLES MUST BE INDIVIDUALLY PACKAGED AND SEPARATED FROM EACH OTHER USING PARTITIONS, DIVIDERS, INNER PACKAGINGS OR CUSHIONING MATERIAL.

OUTER PACKAGING

BOXES	DRUMS
ALUMINUM (4B)	ALUMINUM (1B2)
FIBREBOARD (4G)	OTHER METAL (1N2)
PLYWOOD (4D)	PLASTIC (1H2)
RECONSTITUTED WOOD (4F)	STEEL (1A2)
SOLID PLASTIC (4H2)	
STEEL (4A)	
WOODEN (4C1, 4C2)	
SOLID PLASTIC (4H2)	

61SP02

TEAR GAS CANDLES, AMMUNITION TEAR PRODUCING **UN1700**	**INNER QUANTITY** Elements must not be assembled in grenades or devices, but must be packed in a separate compartment or in a separate wooden (4C1, 4C2) box and so cushioned that they cannot come into contact with each other or with the walls of the packaging during transport. Not more than 24 grenades and 24 functioning devices per package are permitted.	**OUTER QUANTITY** **50 KG**

- **FORBIDDEN** ON PASSENGER AIRCRAFT
- **PERMITTED** ON CARGO AIRCRAFT ONLY

ADDITIONAL PACKAGING REQUIREMENTS

- THE GENERAL PACKING REQUIREMENTS OF PART 4, CHAPTER 1 MUST BE MET.
- PACKAGINGS MUST MEET PACKING GROUP II PERFORMANCE REQUIREMENTS.
- THE ARTICLES MUST BE INDIVIDUALLY PACKAGED AND SEPARATED FROM EACH OTHER USING PARTITIONS, DIVIDERS, INNER PACKAGINGS OR CUSHIONING MATERIAL.

CLASS 8 LIQUIDS PASSENGER AIRCRAFT
80PL

Packing Group	Inner Packaging	Inner Packaging Quantity	Packing Instruction	Outer Quantity
I	GLASS (IP.1)	**0.5 L**	A (807)	**0.5 L**
	PLASTIC (IP 2)	**0.5 L**		
	METAL (IP 3/3A)	**0.5 L**		
II	GLASS (IP.1)	**1.0 L**	B (808)	**1.0 L**
	PLASTIC (IP 2)	**1.0 L**		
	METAL (IP 3/3A)	**1.0 L**		
II	GLASS (IP.1)	**1.0 L**	C (809)	**1.0 L**
	PLASTIC (IP 2)	**1.0 L**		
	METAL (IP 3)	**1.0 L**		
III	GLASS (IP.1)	**2.5 L**	D (818)	**5.0 L**
	PLASTIC (IP 2)	**2.5 L**		
	METAL (IP 3/3A)	**5.0 L**		

ADDITIONAL PACKAGING REQUIREMENTS

- THE GENERAL PACKING REQUIREMENTS OF PART 4, CHAPTER 1 MUST BE MET.
- SUBSTANCES MUST BE COMPATABLE WITH THEIR PACKAGINGS AS REQUIRED BY 4; 1.1.3.

PG I

- SINGLE PACKAGINGS ARE NOT PERMITTED.
- GLASS OR EARTHENWARE INNER PACKAGINGS MUST BE PACKED WITH ABSORBENT MATERIAL AND PLACED IN A LEAKPROOF RECEPTACLE BEFORE PACKING IN OUTER PACKAGINGS.
- PLASTIC AND METAL INNER PACKAGINGS MUST BE PLACED IN A LEAKPROOF LINER, PLASTIC BAG OR OTHER EQUALLY EFFICIENT MEANS OF INTERMEDIATE LEAKPROOF CONTAINMENT.
- METAL PACKAGINGS MUST BE CORROSION-RESISTANT OR WITH PROTECTION AGAINST CORROSION.
- GLASS EARTHENWARE INNER PACKAGINGS ARE PERMITTED IF THE SUBSTANCE IS FREE FROM HYDROFLUORIC ACID.

PG II

- SINGLE PACKAGINGS ARE NOT PERMITTED.
- GLASS OR EARTHENWARE INNER PACKAGINGS MUST BE PACKED WITH ABSORBENT MATERIAL AND PLACED IN A LEAKPROOF RECEPTACLE BEFORE PLACING IN OUTER PACKAGINGS.
- PLASTIC AND METAL INNER PACKAGINGS MUST BE PLACED IN A LEAKPROOF LINER, PLASTIC BAG OR OTHER EQUALLY EFFICIENT MEANS OF INTERMEDIATE LEAKPROOF CONTAINMENT.
- METAL PACKAGINGS MUST BE CORROSION-RESISTANT OR WITH PROTECTION AGAINST CORROSION.
- GLASS EARTHENWARE INNER PACKAGINGS ARE PERMITTED IF THE SUBSTANCE IS FREE FROM HYDROFLUORIC ACID.

PG III

- SINGLE PACKAGINGS ARE NOT PERMITTED.
- FOR COMBINATION PACKAGES, ALL INNER PACKAGINGS MUST BE PLACED IN A PLASTIC BAG OR OTHER EQUALLY EFFICIENT MEANS OF PROTECTION.
- METAL PACKAGINGS MUST BE CORROSION-RESISTANT OR WITH PROTECTION AGAINST CORROSION.
- GLASS EARTHENWARE INNER PACKAGINGS ARE PERMITTED IF THE SUBSTANCE IS FREE FROM HYDROFLUORIC ACID.

OUTER CONTAINERS FOR COMBINATION PACKAGINGS

BOXES	DRUMS	JERRICANS
ALUMINUM (4B)	ALUMINUM (1B2)	ALUMINUM (3B2)
FIBREBOARD (4G)	FIBRE (1G)	PLASTIC (3H2)
PLYWOOD (4D)	PLASTIC (1H2)	STEEL (3A2)
RECONSTITUTED WOOD (4F)	PLYWOOD (1D)	
SOLID PLASTIC (4H2)	STEEL (1A2)	
STEEL (4A)		
WOODEN (4C1, 4C2)		

CLASS 8 LIQUIDS CARGO AIRCRAFT
80CL

Packing Group	Inner Packaging	Inner Packaging Quantity	Packing Instruction	Outer Quantity
I ONLY UN3094	GLASS (IP.1)	**1.0 L**	A (NEW)	**1.0 L**
	PLASTIC (IP 2)	**1.0 L**		
	METAL (IP 3/3A)	**1.0 L**		
I	GLASS (IP.1)	**1.0 L**	B (809A)	**2.5 L**
	PLASTIC (IP 2)	**1.0 L**		
	METAL (IP 3/3A)	**1.0 L**		
II ONLY UN3094	GLASS (IP.1)	**2.5 L**	C (NEW)	**5.0 L**
	PLASTIC (IP 2)	**2.5 L**		
	METAL (IP 3)	**2.5 L**		
II	GLASS (IP.1)	**2.5 L**	D (812)	**30.0 L**
	PLASTIC (IP 2)	**2.5 L**		
	METAL (IP 3/3A)	**2.5 L**		
II	GLASS (IP.1)	**2.5 L**	E (813)	**30.0 L**
	PLASTIC (IP 2)	**2.5 L**		
	METAL (IP 3)	**2.5 L**		
II ONLY UN2531	GLASS (IP.1)	**2.5 L**	F (NEW)	**60.0 L**
	PLASTIC (IP 2)	**2.5 L**		
	METAL (IP 3/3A)	**2.5 L**		
III	GLASS (IP.1)	**5.0 L**	G (820)	**60.0 L**
	PLASTIC (IP	**5.0 L**		

	2)			
	METAL (IP 3/3A)	**10.0 L**		

ADDITIONAL PACKAGING REQUIREMENTS

- THE GENERAL PACKING REQUIREMENTS OF PART 4, CHAPTER 1 MUST BE MET.
- SUBSTANCES MUST BE COMPATABLE WITH THEIR PACKAGINGS AS REQUIRED BY 4; 1.1.3.

PG I

- SINGLE PACKAGINGS ARE NOT PERMITTED.
- GLASS OR EARTHENWARE INNER PACKAGINGS MUST BE PACKED WITH ABSORBENT MATERIAL AND PLACED IN A LEAKPROOF RECEPTACLE BEFORE PACKING IN OUTER PACKAGINGS.
- PLASTIC AND METAL INNER PACKAGINGS MUST BE PLACED IN A LEAKPROOF LINER, PLASTIC BAG OR OTHER EQUALLY EFFICIENT MEANS OF INTERMEDIATE LEAKPROOF CONTAINMENT.
- METAL PACKAGINGS MUST BE CORROSION-RESISTANT OR WITH PROTECTION AGAINST CORROSION.
- GLASS EARTHENWARE INNER PACKAGINGS ARE PERMITTED IF THE SUBSTANCE IS FREE FROM HYDROFLUORIC ACID.

PG II

- SINGLE PACKAGINGS ARE PERMITTED.
- GLASS OR EARTHENWARE INNER PACKAGINGS MUST BE PACKED WITH ABSORBENT MATERIAL AND PLACED IN A LEAKPROOF RECEPTACLE BEFORE PLACING IN OUTER PACKAGINGS.
- FOR COMBINATION PACKAGES, ALL INNER PACKAGINGS MUST BE PLACED IN A LEAKPROOF LINER, PLASTIC BAG OR OTHER EQUALLY EFFICIENT MEANS OF INTERMEDIATE LEAKPROOF CONTAINMENT.
- METAL PACKAGINGS MUST BE CORROSION-RESISTANT OR WITH PROTECTION AGAINST CORROSION.
- GLASS EARTHENWARE INNER PACKAGINGS ARE PERMITTED IF THE SUBSTANCE IS FREE FROM HYDROFLUORIC ACID.

PG III

- SINGLE PACKAGINGS ARE PERMITTED.
- FOR COMBINATION PACKAGES, ALL INNER PACKAGINGS MUST BE PLACED IN A PLASTIC BAG OR OTHER EQUALLY EFFICIENT MEANS OF PROTECTION.
- METAL PACKAGINGS MUST BE CORROSION-RESISTANT OR WITH PROTECTION AGAINST CORROSION.
- GLASS EARTHENWARE INNER PACKAGINGS ARE PERMITTED IF THE SUBSTANCE IS FREE FROM HYDROFLUORIC ACID.

OUTER CONTAINERS FOR COMBINATION PACKAGINGS

BOXES	DRUMS	JERRICANS
ALUMINUM (4B)	ALUMINUM (1B2)	ALUMINUM (3B2)
FIBREBOARD (4G)	FIBRE (1G)	PLASTIC (3H2)
PLYWOOD (4D)	PLASTIC (1H2)	STEEL (3A2)
RECONSTITUTED WOOD (4F)	PLYWOOD (1D)	
SOLID PLASTIC (4H2)	STEEL (1A2)	
STEEL (4A)		
WOODEN (4C1, 4C2)		

SINGLE PACKAGINGS FOR PG II AND PG III

COMPOSITES (PLASTIC)	CYLINDERS	DRUMS	JERRICANS
ALL	SEE ??	ALUMINUM (1B1)	PLASTIC (3H1)
		PLASTIC (1H1)	STEEL (3A1)
		STEEL (1A1)	

CLASS 8 SOLIDS PASSENGER AIRCRAFT
80PS

Packing Group	Inner Packaging	Inner Packaging Quantity	Packing Instruction	Outer Quantity
I	GLASS (IP.1)	**0.5 KG**	A (810)	**1.0 KG**
	PLASTIC (IP 2)	**0.5 KG**		
	METAL (IP 3/3A)	**0.5 KG**		
II	GLASS (IP.1)	**1.0 KG**	B (814)	**15.0 KG**
	PLASTIC (IP 2)	**2.5 KG**		
	METAL (IP 3/3A)	**2.5 KG**		
	PLASTIC BAG (IP 5)	**1.0 KG**		
III	GLASS (IP.1)	**2.5 KG**	C (822)	**25.0 KG**
	PLASTIC (IP 2)	**2.5 KG**		
	METAL (IP 3/3A)	**5.0 KG**		
	PLASTIC BAG (IP 5)	**2.5 KG**		

ADDITIONAL PACKAGING REQUIREMENTS

- THE GENERAL PACKING REQUIREMENTS OF PART 4, CHAPTER 1 MUST BE MET.
- SUBSTANCES MUST BE COMPATABLE WITH THEIR PACKAGINGS AS REQUIRED BY 4; 1.1.3.

PG I AND PG II

- SINGLE PACKAGINGS ARE NOT PERMITTED.
- GLASS OR EARTHENWARE INNER PACKAGINGS MUST BE PACKED IN OUTER PACKAGING WITH SUFFICIENT CUSHIONING MATERIAL TO PREVENT BREAKAGE.
- METAL PACKAGINGS MUST BE CORROSION-RESISTANT OR WITH PROTECTION AGAINST CORROSION.
- GLASS EARTHENWARE INNER PACKAGINGS ARE PERMITTED IF THE SUBSTANCE IS FREE FROM HYDROFLUORIC ACID.

PG III

- SINGLE PACKAGINGS ARE NOT PERMITTED.
- METAL PACKAGINGS MUST BE CORROSION-RESISTANT OR WITH PROTECTION AGAINST CORROSION.

- GLASS EARTHENWARE INNER PACKAGINGS ARE PERMITTED IF THE SUBSTANCE IS FREE FROM HYDROFLUORIC ACID.

OUTER CONTAINERS FOR COMBINATION PACKAGINGS

BOXES	DRUMS	JERRICANS
ALUMINUM (4B)	ALUMINUM (1B2)	ALUMINUM (3B2)
FIBREBOARD (4G)	FIBRE (1G)	PLASTIC (3H2)
PLYWOOD (4D)	PLASTIC (1H2)	STEEL (3A2)
RECONSTITUTED WOOD (4F)	PLYWOOD (1D)	
SOLID PLASTIC (4H2)	STEEL (1A2)	
STEEL (4A)		
WOODEN (4C1, 4C2)		

CLASS 8 SOLIDS CARGO AIRCRAFT
80CS

Packing Group	Inner Packaging	Inner Packaging Quantity	Packing Instruction	Outer Quantity
I ONLY UN3084	GLASS (IP.1)	**1.0 KG**	A (NEW)	**15.0 KG**
	PLASTIC (IP 2)	**2.5 KG**		
	METAL (IP 3/3A)	**2.5 KG**		
I	GLASS (IP.1)	**1.0 KG**	B (811)	**25.0 KG**
	PLASTIC (IP 2)	**2.5 KG**		
	METAL (IP 3/3A)	**2.5 KG**		
II	GLASS (IP.1)	**2.5 KG**	C (816)	**50.0 KG**
	PLASTIC (IP 2)	**5.0 KG**		
	METAL (IP 3/3A)	**5.0 KG**		
	PLASTIC BAG (IP 5)	**2.5 KG**		
III	GLASS (IP.1)	**5.0 KG**	D (823)	**100.0 KG**
	PLASTIC (IP 2)	**5.0 KG**		
	METAL (IP 3/3A)	**10.0 KG**		
	PLASTIC BAG (IP 5)	**5.0 KG**		

ADDITIONAL PACKAGING REQUIREMENTS

- THE GENERAL PACKING REQUIREMENTS OF PART 4, CHAPTER 1 MUST BE MET.
- SUBSTANCES MUST BE COMPATABLE WITH THEIR PACKAGINGS AS REQUIRED BY 4; 1.1.3.

PGI, PG II AND III

- SINGLE PACKAGINGS ARE PERMITTED.
- METAL PACKAGINGS MUST BE CORROSION-RESISTANT OR WITH PROTECTION AGAINST CORROSION.
- GLASS EARTHENWARE INNER PACKAGINGS ARE PERMITTED IF THE SUBSTANCE IS FREE FROM HYDROFLUORIC ACID.

OUTER CONTAINERS FOR COMBINATION PACKAGINGS

BOXES	DRUMS	JERRICANS
ALUMINUM (4B)	ALUMINUM (1B2)	ALUMINUM (3B2)
FIBREBOARD (4G)	FIBRE (1G)	PLASTIC (3H2)
PLYWOOD (4D)	PLASTIC (1H2)	STEEL (3A2)
RECONSTITUTED WOOD (4F)	PLYWOOD (1D)	
SOLID PLASTIC (4H2)	STEEL (1A2)	
STEEL (4A)		
WOODEN (4C1, 4C2)		

SINGLE PACKAGINGS FOR PG I, PG II AND PG III

COMPOSITES (PLASTIC)	CYLINDERS	DRUMS	JERRICANS
ALL	SEE ??	ALUMINUM (1B1)	PLASTIC (3H1)
		PLASTIC (1H1)	STEEL (3A1)
		STEEL (1A1)	

CLASS 8 SPECIAL SUBSTANCES
PASSENGER AND CARGO AIRCRAFT

Packing Group	Inner Packaging	Inner Packaging Quantity	Packing Instruction	Outer Quantity
CARGO AND PASSENGER AIRCRAFT				
BATTERIES WET FILLED WITH ACID **UN2794** & BATTERIES WET FILLED WITH ALKALI **UN2795**	**SEE PI**	**SEE PI**	800	**SEE PI**
GALLIUM **UN2803** MERCURY **UN2809**	**SEE PI**	**SEE PI**	8XX	**SEE PI**
UN2809 MERCURY CONTAINED IN MANUFACTURED ARTICLES	**SEE PI**	**SEE PI**	805	**SEE PI**
BATTERIES WET NON-SPILLABLE ELECTRIC STORAGE **UN2800**	**SEE PI**	**SEE PI**	806	**SEE PI**
CARGO AIRCRAFT ONLY				
BOMBS, SMOKE NON-EXPLOSIVE WITH CORROSIVE LIQUID, WITHOUT INITIATING DEVICE **UN2028**	**SEE PI**	**SEE PI**	801	**SEE PI**
BATTERIES, DRY, CONTAINING POTASSIUM HYDROXIDE, SOLID ELECTRIC STORAGE **UN3028**	**SEE PI**	**SEE PI**	802	**SEE PI**

SEE PACKING INSTRUCTIONS FOR DETAILED REQUIREMENTS

80SP01

BATTERIES, WET, FILLED WITH ACID **UN2794** AND BATTERIES, WET, FILLED WITH ALKALI **UN2795**	**INNER PACKAGING FOR PASSENGER AND CARGO AIRCRAFT**	**OUTER PACKAGING LIMIT FOR PASSENGER AIRCRAFT** **30 KG G**
	INNER PACKAGING MUST INCORPORATE AN ACID/ALKALI-PROOF LINER OF SUFFICIENT STRENGTH AND ADEQUATELY SEALED TO POSITIVELY PRECLUDE LEAKAGE IN THE EVENT OF SPILLAGE. THE BATTERIES MUST BE PACKED SO THAT THE FILL OPENINGS AND VENTS, IF ANY, ARE UPWARD; THEY MUST BE INCAPABLE OF SHORT-CIRCUITING AND BE SECURELY CUSHIONED IN THE PACKAGINGS.	**OUTER PACKAGING LIMIT FOR CARGO AIRCRAFT** **NO LIMIT**
BATTERIES INSTALLED IN EQUIPMENT	IF BATTERIES ARE SHIPPED AS AN INTEGRAL COMPONENT OF ASSEMBLED EQUIPMENT, THEY MUST BE SECURELY INSTALLED AND FASTENED IN AN UPRIGHT POSITION AND PROTECTED AGAINST CONTACT WITH OTHER ARTICLES SO AS TO PREVENT SHORT CIRCUITS. BATTERIES MUST BE REMOVED AND PACKED ACCORDING TO THIS PACKING INSTRUCTION IF THE ASSEMBLED EQUIPMENT IS LIKELY TO BE CARRIED IN OTHER THAN AN UPRIGHT POSITION.	

OUTER PACKAGINGS

BOXES	**DRUMS**	**JERRICANS**
FIBREBOARD (4G)	FIBRE (1G)	PLASTIC (3H2)
PLYWOOD (4D)	PLASTIC (1H2)	
RECONSTITUTED WOOD (4F)	PLYWOOD (1D)	
SOLID PLASTIC (4H2)		
WOODEN (4C1, 4C2)		

- **PERMITTED** ON PASSENGER AND CARGO AIRCRAFT

ADDITIONAL PACKAGING REQUIREMENTS

- THE GENERAL PACKING REQUIREMENTS OF PART 4, CHAPTER 1 MUST BE MET.
- SUBSTANCES MUST BE COMPATABLE WITH THEIR PACKAGINGS AS REQUIRED BY 4; 1.1.

- PACKAGINGS MUST MEET PACKING GROUP II PERFORMANCE REQUIREMENTS.
- THE UPRIGHT POSITION OF THE PACKAGE MUST BE INDICATED ON IT BY THE "PACKAGE ORIENTATION" LABEL SHOWN IN PART 5;3.2.10 B).
- THE WORDS "THIS SIDE UP" OR "THIS END UP" MAY ALSO BE DISPLAYED ON THE TOP OF THE PACKAGE.
- FOR BATTERIES, ELECTRIC STORAGE, PACKED WITH BATTERY FLUID IN THE SAME OUTER PACKAGING, SEE UN NUMBERS 2796 AND 2797.

80SP02

BATTERIEIS, DRY, CONTAINING POTASSIUM HYDROXIDE, SOLID **UN3028**	**INNER PACKAGING**	**OUTER PACKAGING**
	THE BATTERIES MUST BE SECURELY CUSHIONED IN THE PACKAGINGS	**PASSENGER AIRCRAFT 25 KG G**
		CARGO AIRCRAFT 230 KG G

- **PERMITTED** ON PASSENGER AND CARGO AIRCRAFT

ADDITIONAL PACKAGING REQUIREMENTS

- THE GENERAL PACKING REQUIREMENTS OF PART 4, CHAPTER 1 MUST BE MET.
- SUBSTANCES MUST BE COMPATABLE WITH THEIR PACKAGINGS AS REQUIRED BY 4; 1.1.
- PACKAGINGS MUST MEET PACKING GROUP II PERFORMANCE REQUIREMENTS.

OUTER PACKAGINGS

BOXES
PLYWOOD (4D)
RECONSTITUTED WOOD (4F)
FIBERBOARD (4G)
WOODEN (4C1, 4C2)
SOLID PLASTIC (4H2)

80SP03

BATTERIES, WET, NON-SPILLABLE **UN2800**	**INNER PACKAGING**	**OUTER PACKAGING**
	BATTERIES MUST BE PROTECTED AGAINST SHORT CIRCUITS	SECURELY PACKED IN STRONG OUTER PACKAGINGS
NOTE.— NON-SPILLABLE TYPE BATTERIES WHICH ARE AN INTEGRAL PART OF AND NECESSARY FOR THE OPERATION OF MECHANICAL OR ELECTRONIC EQUIPMENT, MUST BE SECURELY FASTENED IN THE BATTERY HOLDER ON THE EQUIPMENT AND PROTECTED IN SUCH A MANNER AS TO PREVENT DAMAGE AND SHORT CIRCUITS.		

- **PERMITTED** ON PASSENGER AND CARGO AIRCRAFT.
- THE GENERAL PACKING REQUIREMENTS OF PART 4, CHAPTER 1 MUST BE MET.
- SUBSTANCES MUST BE COMPATABLE WITH THEIR PACKAGINGS AS REQUIRED BY 4; 1.1.

TESTING:

BATTERIES CAN BE CONSIDERED AS NON-SPILLABLE PROVIDED THAT THEY ARE CAPABLE OF WITHSTANDING THE VIBRATION AND PRESSURE DIFFERENTIAL TESTS GIVEN BELOW, WITHOUT LEAKAGE OF BATTERY FLUID.

VIBRATION TEST*:* THE BATTERY IS RIGIDLY CLAMPED TO THE PLATFORM OF A VIBRATION MACHINE AND A SIMPLE HARMONIC MOTION HAVING AN AMPLITUDE OF 0.8 MM (1.6 MM MAXIMUM TOTAL EXCURSION) IS APPLIED. THE FREQUENCY IS VARIED AT THE RATE OF 1 HZ/MIN BETWEEN THE LIMITS OF 10 HZ TO 55 HZ. THE ENTIRE RANGE OF FREQUENCIES AND RETURN IS TRAVERSED IN 95 ± 5 MINUTES FOR EACH MOUNTING POSITION (DIRECTION OF VIBRATION) OF THE BATTERY. THE BATTERY MUST BE TESTED IN THREE MUTUALLY PERPENDICULAR POSITIONS (TO INCLUDE TESTING WITH FILL OPENINGS AND VENTS, IF ANY, IN AN INVERTED POSITION) FOR EQUAL TIME PERIODS.

PRESSURE DIFFERENTIAL TEST*:* FOLLOWING THE VIBRATION TEST, THE BATTERY IS STORED FOR SIX HOURS AT 24 C ±4 C WHILE SUBJECTED TO A PRESSURE DIFFERENTIAL OF AT LEAST 88 KPA. THE BATTERY MUST BE TESTED IN THREE MUTUALLY PERPENDICULAR POSITIONS (TO INCLUDE TESTING WITH FILL OPENINGS AND VENTS, IF ANY, IN AN INVERTED POSITION) FOR AT LEAST SIX HOURS IN EACH POSITION.

80SP04

	INNER PACKAGING		OUTER PACKAGING
GALLIUM **UN2803**	PLASTIC (1P.2)	**3.5 KG**	**QUANTITY LIMIT 20 KG**
	NO OTHER INNER CONTAINERS ARE PERMITTED		
	MUST BE ENCLOSED IN LINERS OR BAGS OF STRONG LEAK-PROOF AND PUNCTURE RESISTANT MATERIAL IMPERVIOUS TO THE CONTENTS AND COMPLETELY SURROUNDING THE CONTENTS TO PREVENT IT FROM ESCAPING FROM THE PACKAGE IRRESPECTIVE OF ITS POSITION OR ORIENTATION. PLASTIC INNER CONTAINERS MUST BE PACKED WITH SUFFICIENT CUSHIONING MATERIAL TO PREVENT BREAKAGE. **QUANTITY LIMIT – 3.5 KG**		
ALL OF THE PACKAGINGS MUST MEET PACKING GROUP I PERFORMANCE REQUIREMENTS.			
NOTE: WHEN IT IS NECESSARY TO TRANSPORT GALLIUM AT LOW TEMPERATURES IN ORDER TO MAINTAIN IT IN A COMPLETELY SOLID STATE, PACKAGINGS MAY BE OVERPACKED IN A STRONG WATER-RESISTANT OUTER PACKAGING WHICH CONTAINS DRY ICE OR OTHER MEANS OF REFRIGERATION. IF A REFRIGERANT IS USED, ALL OF THE ABOVE MATERIALS USED IN THE PACKAGING OF GALLIUM MUST BE CHEMICALLY AND PHYSICALLY RESISTANT TO THE REFRIGERANT AND MUST HAVE IMPACT RESISTANCE AT THE LOW TEMPERATURES OF THE REFRIGERANT EMPLOYED. IF DRY ICE IS USED, THE OUTER PACKAGING MUST PERMIT THE RELEASE OF CARBON DIOXIDE GAS.			

- **PERMITTED** ON PASSENGER AND CARGO AIRCRAFT.

ADDITIONAL PACKAGING REQUIREMENTS

- THE GENERAL PACKING REQUIREMENTS OF PART 4, CHAPTER 1 MUST BE MET.
- SUBSTANCES MUST BE COMPATABLE WITH THEIR PACKAGINGS AS REQUIRED BY 4; 1.1.

OUTER CONTAINERS FOR COMBINATION PACKAGINGS

BOXES	DRUMS	JERRICANS	
ALUMINUM (4B)	ALUMINUM (1B2)	ALUMINUM (3B2)	

FIBREBOARD (4G)	FIBRE (1G)	PLASTIC (3H2)	
PLYWOOD (4D)	PLASTIC (1H2)	STEEL (3A2)	
RECONSTITUTED WOOD (4F)	PLYWOOD (1D)		
SOLID PLASTIC (4H2)	STEEL (1A2)		
STEEL (4A)			
WOODEN (4C1, 4C2)			

80SP05

<table>
<tr><td rowspan="4">MERCURY
UN2809</td><td colspan="2">INNER PACKAGING</td><td>OUTER PACKAGING</td></tr>
<tr><td>GLASS
(IP.1)</td><td>2.5 KG</td><td rowspan="3">OUTER QUANTITY
35 KG</td></tr>
<tr><td>PLASTIC
(IP.2)</td><td>2.5 KG</td></tr>
<tr><td colspan="2">INNER PACKAGINGS MUST BE PACKED WITH SUFFICIENT CUSHIONING MATERIAL TO PREVENT BREAKAGE.
AND
INNER PACKAGINGS MUST BE ENCLOSED IN LINERS OR BAGS OF STRONG LEAK-PROOF AND PUNCTURE RESISTANT MATERIAL IMPERVIOUS TO THE CONTENTS AND COMPLETELY SURROUNDING THE CONTENTS TO PREVENT IT FROM ESCAPING FROM THE PACKAGE IRRESPECTIVE OF ITS POSITION OR ORIENTATION.
INNER QUANTITY 2.5 KG</td></tr>
<tr><td colspan="4">ALL PACKAGING MUST MEET PACKING GROUP I PERFORMANCE REQUIREMENTS</td></tr>
</table>

- **PERMITTED** ON PASSENGER AND CARGO AIRCRAFT.

ADDITIONAL PACKAGING REQUIREMENTS

- THE GENERAL PACKING REQUIREMENTS OF PART 4, CHAPTER 1 MUST BE MET.
- SUBSTANCES MUST BE COMPATABLE WITH THEIR PACKAGINGS AS REQUIRED BY 4; 1.1.

OUTER CONTAINERS FOR COMBINATION PACKAGINGS

BOXES	DRUMS	JERRICANS	
ALUMINUM (4B)	ALUMINUM (1B2)	ALUMINUM (3B2)	
FIBREBOARD (4G)	FIBRE (1G)	PLASTIC (3H2)	
PLYWOOD (4D)	PLASTIC (1H2)	STEEL (3A2)	
RECONSTITUTED WOOD (4F)	PLYWOOD (1D)		
SOLID PLASTIC (4H2)	STEEL (1A2)		
STEEL (4A)			
WOODEN (4C1, 4C2)			

80SP06

MERCURY CONTAINED IN MANUFACTURED ARTICLES **UN2809**	MANUFACTURED ARTICLES OR APPARATUSES OF WHICH METALLIC MERCURY IS A COMPONENT PART, SUCH AS MANOMETERS, PUMPS, THERMOMETERS, SWITCHES, ETC. *NOTE: ALSO INCLUDES ELECTRON AND MERCURY VAPOR TUBES WITH MORE THAN A TOTAL NET QUANTITY OF 450 g OF MERCURY*	**INNER PACKAGING** MUST HAVE SEALED INNER LINERS OR BAGS OF STRONG LEAK-PROOF AND PUNCTURE-RESISTANT MATERIAL IMPERVIOUS TO MERCURY WHICH WILL PREVENT THE ESCAPE OF MERCURY FROM THE PACKAGE IRRESPECTIVE OF ITS POSITION. *NOTE: Mercury switches and relays are excepted from the requirement for a sealed inner liner or bag providing they are of the totally enclosed leakproof type in sealed metal or plastic units.*	**OUTER PACKAGING** STRONG OUTER PACKAGING
	ELECTRON TUBES, MERCURY VAPOUR (TUBES WITH LESS THAN A TOTAL NET QUANTITY		Tubes must be packed in strong outer packagings with all seams and joints sealed with self-adhesive, pressure-sensitive tape

	OF 450 g OF MERCURY)		which will prevent the escape of mercury from the package. *NOTE: TUBES WITH MORE THAN 450 G OF MERCURY MUST BE PACKAGED ACCORDING TO THE INSTRUCTIONS FOR MANUFACTURED ARTICLES OR APPARATUSES.*
	ELECTRON TUBES, MERCURY VAPOUR (TUBES WITH LESS THAN 5 g OF MERCURY EACH AND A TOTAL NET QUANTITY OF 30 g) OR TUBES COMPLETELY JACKETED IN SEALED LEAKPROOF METAL CASES	MAY BE EXCEPTED IF PACKED IN THE MANUFACTURER'S ORIGINAL PACKAGINGS	
THERMOMETERS, SWITCHES AND RELAYS, EACH CONTAINING A TOTAL QUANTITY OF NOT MORE THAN 15 g OF MERCURY, ARE EXCEPTED FROM THE REQUIREMENTS OF THE TECHNICAL INSTRUCTIONS IF THEY ARE INSTALLED AS AN INTEGRAL PART OF A MACHINE OR APPARATUS AND SO FITTED THAT SHOCK OR IMPACT DAMAGE, LEADING TO LEAKAGE OF MERCURY, IS UNLIKELY TO OCCUR UNDER CONDITIONS NORMALLY INCIDENT TO TRANSPORT.			

- **PERMITTED** ON PASSENGER AND CARGO AIRCRAFT

ADDITIONAL PACKAGING REQUIREMENTS

- THE GENERAL PACKING REQUIREMENTS OF PART 4, CHAPTER 1 MUST BE MET.
- SUBSTANCES MUST BE COMPATABLE WITH THEIR PACKAGINGS AS REQUIRED BY 4; 1.1.
- FOR ELECTRON, MERCURY VAPOUR AND SIMILAR TUBES THE SHIPPER MUST INDICATE THE QUANTITY OF MERCURY ON THE DANGEROUS GOODS TRANSPORT DOCUMENT.

80SP07

BOMBS, SMOKE, NON-EXPLOSIVE (WITH CORROSIVE LIQUID, WITHOUT INITIATING DEVICE) **UN2028**	BOMBS, SMOKE MAY BE CARRIED PROVIDED THEY ARE WITHOUT IGNITION ELEMENTS, BURSTING CHARGES, DETONATING FUSES OR OTHER EXPLOSIVE COMPONENTS	**OUTER PACKAGING QUANTITY**
		50 KG

- **FORBIDDEN** ON PASSENGER AIRCRAFT
- **PERMITTED** ON CARGO AIRCRAFT ONLY

ADDITIONAL PACKAGING REQUIREMENTS

- THE GENERAL PACKING REQUIREMENTS OF PART 4, CHAPTER 1 MUST BE MET.
- SUBSTANCES MUST BE COMPATABLE WITH THEIR PACKAGINGS AS REQUIRED BY 4; 1.1.

OUTER PACKAGINGS

BOXES	DRUMS
PLYWOOD (4D)	PLYWOOD (1D)
RECONSTITUTED WOOD (4F)	
WOODEN (4C1, 4C2)	

CLASS 3 LIMITED QUANTITY LIQUID
30LLQ

Packing Group	Inner Packaging	Inner Packaging Quantity	Packing Instruction	Outer Quantity
II	GLASS (IP.1)	**0.5 L**	A Y305 & Y306	**0.5 L**
	PLASTIC (IP 2)	**0.5 L**		
	METAL (IP 3/3A)	**0.5 L**		
II	GLASS (IP.1)	**0.5 L**	B Y305 & Y306	**1.0 L**
	PLASTIC (IP 2)	**0.5 L**		
	METAL (IP 3/3A)	**0.5 L**		
III	GLASS (IP.1)	**1.0 L**	Y309A	**1.0 L**
	PLASTIC (IP 2)	**1.0 L**		
	METAL (IP 3/3A)	**1.0 L**		
III	GLASS (IP.1)	**1.0 L**	Y309	**2.0 L**
	PLASTIC (IP 2)	**1.0 L**		
	METAL (IP 3/3A)	**1.0 L**		
III	GLASS (IP.1)	**2.5 L**	Y309	**10.0 L**
	PLASTIC (IP 2)	**5.0 L**		
	METAL (IP 3/3A)	**5.0 L**		

ADDITIONAL PACKAGING REQUIREMENTS

- THE GENERAL PACKING REQUIREMENTS OF PART 4;1.1 APPLICABLE TO PASSENGER AIRCRAFT MUST BE MET EXCEPT THAT THE REQUIREMENTS OF 4;1.1.2, 1.1.8 c), 1.1.8 e), AND 1.1.16 DO NOT APPLY.
- SUBSTANCES MUST BE COMPATABLE WITH THEIR PACKAGINGS AS REQUIRED BY 4; 1.1.3.

- THE LIMITATIONS AND PROVISIONS APPLY EQUALLY TO BOTH PASSENGER AND CARGO AIRCRAFT.
- SINGLE PACKAGINGS, INCLUDING COMPOSITES, ARE NOT PERMITTED.
- THE GROSS WEIGHT OF A LIMITED QUANTITY PACKAGE MUST NOT EXCEED 30 KG (66 LB).
- INNER PACKAGINGS MUST MEET THE REQUIREMENTS OF 6;3.2.
- OUTER PACKAGINGS MUST BE SO DESIGNED THAT THEY MEET THE CONSTRUCTION REQUIREMENTS IN SUBSECTION 6;3.1.
- EACH PACKAGE OFFERED FOR TRANSPORT MUST BE CAPABLE OF WITHSTANDING A 1.2M DROP TEST (SEE 4;4.4.1), AND A 24 HOUR STACK TEST (SEE 4;4.4.2) AND A 95 kPa PRESSURE DIFFERENTIAL (SEE 4;1.1.6).
- EACH PACKAGE OFFERED FOR TRANSPORT MUST BE MARKED AS REQUIRED BY THE APPLICABLE PARAGRAPHS OF PART 5; CHAPTER 2.
- THE DANGEROUS GOODS TRANSPORT DOCUMENT REQUIRED BY 5;4.1 MUST CONTAIN THE WORDS “LIMITED QUANTITY” OR “LTD QTY”.

PG II ONLY

- GLASS OR EARTHENWARE INNER PACKAGINGS MUST BE PACKED WITH ABSORBENT MATERIAL AND PLACED IN A LEAKPROOF RECEPTACLE BEFORE PLACING IN OUTER PACKAGINGS.
- FOR COMBINATION PACKAGES, PLASTIC AND METAL INNER PACKAGINGS MUST BE PLACED IN A LEAKPROOF LINER, PLASTIC BAG, OR OTHER EQUALLY EFFCIENT MEANS OF INTERMEDIATE LEAKPROOF CONTAINMENT.

PG III ONLY

- ALL INNER PACKAGINGS MUST BE PLACED IN A PLASTIC BAG OR OTHER EQUALLY EFFICIENT MEANS OF PROTECTION.

OUTER CONTAINERS FOR COMBINATION PACKAGINGS

BOXES	DRUMS	JERRICANS
ALUMINUM (4B)	ALUMINUM (1B2)	ALUMINUM (3B2)
FIBREBOARD (4G)	FIBRE (1G)	PLASTIC (3H2)
PLYWOOD (4D)	PLASTIC (1H2)	STEEL (3A2)
RECONSTITUTED WOOD (4F)	PLYWOOD (1D)	
SOLID PLASTIC (4H2)	STEEL (1A2)	
STEEL (4A)		
WOODEN (4C1, 4C2)		

4.1 LIMITED QUANTITY SOLID
41LQS

Packing Group	Inner Packaging	Inner Packaging Quantity	Packing Instruction	Outer Quantity
II	GLASS (IP.1)	**0.5 KG**	A Y415	**1.0 KG**
	PLASTIC (IP 2)	**0.5 KG**		
	METAL (IP 3/3A)	**0.5 KG**		
	PLASTIC BAG (IP.5)	**0.5 KG**		
II	GLASS (IP.1)	**0.5 KG**	B Y415	**5.0 KG**
	PLASTIC (IP 2)	**0.5 KG**		
	METAL (IP 3/3A)	**0.5 KG**		
	PLASTIC BAG (IP.5)	**0.5 KG**		
III	GLASS (IP.1)	**1.0 KG**	C Y419	**5.0 KG**
	PLASTIC (IP 2)	**1.0 KG**		
	METAL (IP 3/3A)	**1.0 KG**		
	PLASTIC BAG (IP.5)	**1.0 KG**		
III	GLASS (IP.1)	**1.0 KG**	D Y422	**5.0 KG**
	PLASTIC (IP 2)	**1.0 KG**		
	METAL (IP 3/3A)	**1.0 KG**		
III	GLASS (IP.1)	**1.0 KG**	E Y419	**10.0 KG**
	PLASTIC (IP 2)	**1.0 KG**		
	METAL (IP 3/3A)	**1.0 KG**		
	PLASTIC BAG (IP.5)	**1.0 KG**		
III	GLASS	**1.0 KG**	F	

	(IP.1)		Y422	**10.0 KG**
	PLASTIC (IP 2)	**1.0 KG**		
	METAL (IP 3/3A)	**1.0 KG**		

ADDITIONAL PACKAGING REQUIREMENTS

- THE GENERAL PACKING REQUIREMENTS OF PART 4;1.1 APPLICABLE TO PASSENGER AIRCRAFT MUST BE MET EXCEPT THAT THE REQUIREMENTS OF 4;1.1.2, 1.1.8 c), 1.1.8 e), AND 1.1.16 DO NOT APPLY.
- SUBSTANCES MUST BE COMPATABLE WITH THEIR PACKAGINGS AS REQUIRED BY 4; 1.1.3.
- SINGLE PACKAGINGS, INCLUDING COMPOSITES, ARE NOT PERMITTED.
- THE LIMITATIONS AND PROVISIONS APPLY EQUALLY TO BOTH PASSENGER AND CARGO AIRCRAFT.
- THE GROSS WEIGHT OF A LIMITED QUANTITY PACKAGE MUST NOT EXCEED 30 KG (66 LB).
- INNER PACKAGINGS MUST MEET THE REQUIREMENTS OF 6;3.2.
- OUTER PACKAGINGS MUST BE SO DESIGNED THAT THEY MEET THE CONSTRUCTION REQUIREMENTS IN SUBSECTION 6;3.1.
- EACH PACKAGE OFFERED FOR TRANSPORT MUST BE CAPABLE OF WITHSTANDING A 1.2M DROP TEST (SEE 4;4.4.1), AND A 24 HOUR STACK TEST (SEE 4;4.4.2).
- EACH PACKAGE OFFERED FOR TRANSPORT MUST BE MARKED AS REQUIRED BY THE APPLICABLE PARAGRAPHS OF PART 5; CHAPTER 2.
- THE DANGEROUS GOODS TRANSPORT DOCUMENT REQUIRED BY 5;4.1 MUST CONTAIN THE WORDS “LIMITED QUANTITY” OR “LTD QTY”.

PG II ONLY

- GLASS OR EARTHENWARE INNER PACKAGINGS MUST BE PACKED, SECURED OR CUSHIONED IN AN OUTER PACKAGING SO THAT BREAKAGE OR LEAKAGE OF CONTENTS CANNOT OCCUR DURING NORMAL CONDITIONS OF TRANSPORT.
- METAL PACKAGINGS MUST BE CORROSION-RESISTANT OR WITH PROTECTION AGAINST CORROSION FOR SUBSTANCES WITH A CLASS 8 SUBSIDIARY RISK.

OUTER CONTAINERS FOR COMBINATION PACKAGINGS

BOXES	DRUMS	JERRICANS
ALUMINUM (4B)	ALUMINUM (1B2)	ALUMINUM (3B2)
FIBREBOARD (4G)	FIBRE (1G)	PLASTIC (3H2)
PLYWOOD (4D)	PLASTIC (1H2)	STEEL (3A2)
RECONSTITUTED WOOD (4F)	PLYWOOD (1D)	
SOLID PLASTIC (4H2)	STEEL (1A2)	
STEEL (4A)		
WOODEN (4C1, 4C2)		

4.3 LIMITED QUANTITY SOLID
43LQS

Packing Group	Inner Packaging	Inner Packaging Quantity	Packing Instruction	Outer Quantity
II	GLASS (IP.1)	**0.5 KG**	A Y415	**1.0 KG**
	PLASTIC (IP 2)	**0.5 KG**		
	METAL (IP 3/3A)	**0.5 KG**		
	PLASTIC BAG (IP.5)	**0.5 KG**		
II	GLASS (IP.1)	**0.5 KG**	B Y415	**5.0 KG**
	PLASTIC (IP 2)	**0.5 KG**		
	METAL (IP 3/3A)	**0.5 KG**		
	PLASTIC BAG (IP.5)	**0.5 KG**		
III	GLASS (IP.1)	**1.0 KG**	C Y419	**5.0 KG**
	PLASTIC (IP 2)	**1.0 KG**		
	METAL (IP 3/3A)	**1.0 KG**		
	PLASTIC BAG (IP.5)	**1.0 KG**		
III	GLASS (IP.1)	**1.0 KG**	D Y422	**5.0 KG**
	PLASTIC (IP 2)	**1.0 KG**		
	METAL (IP 3/3A)	**1.0 KG**		
III	GLASS (IP.1)	**1.0 KG**	E Y419	**10.0 KG**
	PLASTIC (IP 2)	**1.0 KG**		
	METAL (IP 3/3A)	**1.0 KG**		
	PLASTIC BAG (IP.5)	**1.0 KG**		
III	GLASS	**1.0 KG**	F	

	(IP.1)		Y422	**10.0 KG**
	PLASTIC (IP 2)	**1.0 KG**		
	METAL (IP 3/3A)	**1.0 KG**		

ADDITIONAL PACKAGING REQUIREMENTS

- THE GENERAL PACKING REQUIREMENTS OF PART 4;1.1 APPLICABLE TO PASSENGER AIRCRAFT MUST BE MET EXCEPT THAT THE REQUIREMENTS OF 4;1.1.2, 1.1.8 c), 1.1.8 e), AND 1.1.16 DO NOT APPLY.
- SUBSTANCES MUST BE COMPATABLE WITH THEIR PACKAGINGS AS REQUIRED BY 4; 1.1.3.
- SINGLE PACKAGINGS, INCLUDING COMPOSITES, ARE NOT PERMITTED.
- THE LIMITATIONS AND PROVISIONS APPLY EQUALLY TO BOTH PASSENGER AND CARGO AIRCRAFT.
- THE GROSS WEIGHT OF A LIMITED QUANTITY PACKAGE MUST NOT EXCEED 30 KG (66 LB).
- INNER PACKAGINGS MUST MEET THE REQUIREMENTS OF 6;3.2.
- OUTER PACKAGINGS MUST BE SO DESIGNED THAT THEY MEET THE CONSTRUCTION REQUIREMENTS IN SUBSECTION 6;3.1.
- EACH PACKAGE OFFERED FOR TRANSPORT MUST BE CAPABLE OF WITHSTANDING A 1.2M DROP TEST (SEE 4;4.4.1), AND A 24 HOUR STACK TEST (SEE 4;4.4.2).
- EACH PACKAGE OFFERED FOR TRANSPORT MUST BE MARKED AS REQUIRED BY THE APPLICABLE PARAGRAPHS OF PART 5; CHAPTER 2.
- THE DANGEROUS GOODS TRANSPORT DOCUMENT REQUIRED BY 5;4.1 MUST CONTAIN THE WORDS “LIMITED QUANTITY” OR “LTD QTY”.

PG II ONLY

- GLASS OR EARTHENWARE INNER PACKAGINGS MUST BE PACKED, SECURED OR CUSHIONED IN AN OUTER PACKAGING SO THAT BREAKAGE OR LEAKAGE OF CONTENTS CANNOT OCCUR DURING NORMAL CONDITIONS OF TRANSPORT.
- METAL PACKAGINGS MUST BE CORROSION-RESISTANT OR WITH PROTECTION AGAINST CORROSION FOR SUBSTANCES WITH A CLASS 8 SUBSIDIARY RISK

PG II AND III

- FOR 4.3 AND WETTED SUBSTANCES WHERE THE OUTER PACKAGING IS NOT LEAKPROOF, A LEAKPROOF LINER OR EQUALLY EFFICIENT MEANS OF INTERMEDIATE LEAKPROOF CONTAINMENT MUST BE PROVIDED.

OUTER CONTAINERS FOR COMBINATION PACKAGINGS

BOXES	DRUMS	JERRICANS
ALUMINUM (4B)	ALUMINUM (1B2)	ALUMINUM (3B2)
FIBREBOARD (4G)	FIBRE (1G)	PLASTIC (3H2)
PLYWOOD (4D)	PLASTIC (1H2)	STEEL (3A2)
RECONSTITUTED WOOD (4F)	PLYWOOD (1D)	
SOLID PLASTIC (4H2)	STEEL (1A2)	
STEEL (4A)		
WOODEN (4C1, 4C2)		

CLASS 5.1 LIMITED QUANTITY LIQUID
51LLQ

Packing Group	Inner Packaging	Inner Packaging Quantity	Packing Instruction	Outer Quantity
II	GLASS (IP.1)	**0.1 L**	A Y503	**0.5 L**
	PLASTIC (IP 2)	**0.1 L**		
	METAL (IP 3/3A)	**0.1 L**		
III	GLASS (IP.1)	**0.5 L**	B Y514	**1.0 L**
	PLASTIC (IP 2)	**0.5 L**		
	METAL (IP 3/3A)	**0.5 L**		

ADDITIONAL PACKAGING REQUIREMENTS

- THE GENERAL PACKING REQUIREMENTS OF PART 4;1.1 APPLICABLE TO PASSENGER AIRCRAFT MUST BE MET EXCEPT THAT THE REQUIREMENTS OF 4;1.1.2, 1.1.8 c), 1.1.8 e), AND 1.1.16 DO NOT APPLY.
- SUBSTANCES MUST BE COMPATABLE WITH THEIR PACKAGINGS AS REQUIRED BY 4; 1.1.3.
- THE LIMITATIONS AND PROVISIONS APPLY EQUALLY TO BOTH PASSENGER AND CARGO AIRCRAFT.
- SINGLE PACKAGINGS, INCLUDING COMPOSITES, ARE NOT PERMITTED.
- THE GROSS WEIGHT OF A LIMITED QUANTITY PACKAGE MUST NOT EXCEED 30 KG (66 LB).
- INNER PACKAGINGS MUST MEET THE REQUIREMENTS OF 6;3.2.
- OUTER PACKAGINGS MUST BE SO DESIGNED THAT THEY MEET THE CONSTRUCTION REQUIREMENTS IN SUBSECTION 6;3.1.
- EACH PACKAGE OFFERED FOR TRANSPORT MUST BE CAPABLE OF WITHSTANDING A 1.2M DROP TEST (SEE 4;4.4.1), AND A 24 HOUR STACK TEST (SEE 4;4.4.2) AND A 95 kPa PRESSURE DIFFERENTIAL (SEE 4;1.1.6).
- EACH PACKAGE OFFERED FOR TRANSPORT MUST BE MARKED AS REQUIRED BY THE APPLICABLE PARAGRAPHS OF PART 5; CHAPTER 2.
- THE DANGEROUS GOODS TRANSPORT DOCUMENT REQUIRED BY 5;4.1 MUST CONTAIN THE WORDS “LIMITED QUANTITY” OR “LTD QTY”.

PG II ONLY

- GLASS OR EARTHENWARE INNER PACKAGINGS MUST BE PACKED WITH ABSORBENT MATERIAL AND PLACED IN A LEAKPROOF RECEPTACLE BEFORE PLACING IN OUTER PACKAGINGS.
- FOR COMBINATION PACKAGES, PLASTIC AND METAL INNER PACKAGINGS MUST BE PLACED IN A LEAKPROOF LINER, PLASTIC BAG, OR OTHER EQUALLY EFFCIENT MEANS OF INTERMEDIATE LEAKPROOF CONTAINMENT.

- METAL PACKAGINGS MUST BE CORROSION-RESISTANT OR WITH PROTECTION AGAINST CORROSION FOR SUBSTANCES WITH A CLASS 8 SUBRISK

PG III ONLY

- ALL INNER PACKAGINGS MUST BE PLACED IN A PLASTIC BAG OR OTHER EQUALLY EFFICIENT MEANS OF PROTECTION.

OUTER CONTAINERS FOR COMBINATION PACKAGINGS

BOXES	DRUMS	JERRICANS
ALUMINUM (4B)	ALUMINUM (1B2)	ALUMINUM (3B2)
FIBREBOARD (4G)	FIBRE (1G)	PLASTIC (3H2)
PLYWOOD (4D)	PLASTIC (1H2)	STEEL (3A2)
RECONSTITUTED WOOD (4F)	PLYWOOD (1D)	
SOLID PLASTIC (4H2)	STEEL (1A2)	
STEEL (4A)		
WOODEN (4C1, 4C2)		

CLASS 5.1 LIMITED QUANTITY SOLID
51LQS

Packing Group	Inner Packaging	Inner Packaging Quantity	Packing Instruction	Outer Quantity
II	GLASS (IP.1)	**0.5 KG**	A Y508	**1.0 KG**
	PLASTIC (IP 2)	**0.5 KG**		
	METAL (IP 3/3A)	**0.5 KG**		
	PAPER BAG (IP.4)	**0.5 KG**		
	PLASTIC BAG (IP.5)	**0.5 KG**		
	FIBER (IP.6)	**0.5 KG**		
II	GLASS (IP.1)	**0.5 KG**	B Y508	**2.5 KG**
	PLASTIC (IP 2)	**0.5 KG**		
	METAL (IP 3/3A)	**0.5 KG**		
	PAPER BAG (IP.4)	**0.5 KG**		
	PLASTIC BAG (IP.5)	**0.5 KG**		
	FIBER (IP.6)	**0.5 KG**		
III	GLASS (IP.1)	**1.0 KG**	C Y516	**5.0 KG**
	PLASTIC (IP 2)	**1.0 KG**		
	METAL (IP 3/3A)	**1.0 KG**		
	PAPER BAG (IP.4)	**1.0 KG**		
	PLASTIC BAG (IP.5)	**1.0 KG**		
	FIBER (IP.6)	**1.0 KG**		
III	GLASS (IP.1)	**1.0 KG**	D Y516	**10.0 KG**
	PLASTIC	**1.0 KG**		

	(IP 2)			
	METAL (IP 3/3A)	**1.0 KG**		
	PAPER BAG (IP.4)	**1.0 KG**		
	PLASTIC BAG (IP.5)	**1.0 KG**		
	FIBER (IP.6)	**1.0 KG**		

ADDITIONAL PACKAGING REQUIREMENTS

- THE GENERAL PACKING REQUIREMENTS OF PART 4;1.1 APPLICABLE TO PASSENGER AIRCRAFT MUST BE MET EXCEPT THAT THE REQUIREMENTS OF 4;1.1.2, 1.1.8 c), 1.1.8 e), AND 1.1.16 DO NOT APPLY.
- SUBSTANCES MUST BE COMPATABLE WITH THEIR PACKAGINGS AS REQUIRED BY 4; 1.1.3.
- SINGLE PACKAGINGS, INCLUDING COMPOSITES, ARE NOT PERMITTED.
- THE LIMITATIONS AND PROVISIONS APPLY EQUALLY TO BOTH PASSENGER AND CARGO AIRCRAFT.
- THE GROSS WEIGHT OF A LIMITED QUANTITY PACKAGE MUST NOT EXCEED 30 KG (66 LB).
- INNER PACKAGINGS MUST MEET THE REQUIREMENTS OF 6;3.2.
- OUTER PACKAGINGS MUST BE SO DESIGNED THAT THEY MEET THE CONSTRUCTION REQUIREMENTS IN SUBSECTION 6;3.1.
- EACH PACKAGE OFFERED FOR TRANSPORT MUST BE CAPABLE OF WITHSTANDING A 1.2M DROP TEST (SEE 4;4.4.1), AND A 24 HOUR STACK TEST (SEE 4;4.4.2).
- EACH PACKAGE OFFERED FOR TRANSPORT MUST BE MARKED AS REQUIRED BY THE APPLICABLE PARAGRAPHS OF PART 5; CHAPTER 2.
- THE DANGEROUS GOODS TRANSPORT DOCUMENT REQUIRED BY 5;4.1 MUST CONTAIN THE WORDS “LIMITED QUANTITY” OR “LTD QTY”.

PG II ONLY

- GLASS OR EARTHENWARE INNER PACKAGINGS MUST BE PACKED, SECURED OR CUSHIONED IN AN OUTER PACKAGING SO THAT BREAKAGE OR LEAKAGE OF CONTENTS CANNOT OCCUR DURING NORMAL CONDITIONS OF TRANSPORT.
- METAL PACKAGINGS MUST BE CORROSION-RESISTANT OR WITH PROTECTION AGAINST CORROSION FOR SUBSTANCES WITH A CLASS 8 SUBSIDIARY RISK

OUTER CONTAINERS FOR COMBINATION PACKAGINGS

BOXES	DRUMS	JERRICANS
ALUMINUM (4B)	ALUMINUM (1B2)	ALUMINUM (3B2)
FIBREBOARD (4G)	FIBRE (1G)	PLASTIC (3H2)
PLYWOOD (4D)	PLASTIC (1H2)	STEEL (3A2)
RECONSTITUTED WOOD (4F)	PLYWOOD (1D)	
SOLID PLASTIC (4H2)	STEEL (1A2)	
STEEL (4A)		
WOODEN (4C1, 4C2)		

CLASS 6.1 LIMITED QUANTITY LIQUID
61LLQ

Packing Group	Inner Packaging	Inner Packaging Quantity	Packing Instruction	Outer Quantity
II	GLASS (IP.1)	**0.1 L**	A Y610	**0.5 L**
	PLASTIC (IP 2)	**0.1 L**		
	METAL (IP 3/3A)	**0.1 L**		
II	GLASS (IP.1)	**0.1 L**	B Y609 & Y610 1L	**1.0 L**
	PLASTIC (IP 2)	**0.1 L**		
	METAL (IP 3/3A)	**0.1 L**		
III	GLASS (IP.1)	**0.5 L**	C Y605	**2.0 L**
	PLASTIC (IP 2)	**0.5 L**		
	METAL (IP 3/3A)	**0.5 L**		

ADDITIONAL PACKAGING REQUIREMENTS

- THE GENERAL PACKING REQUIREMENTS OF PART 4;1.1 APPLICABLE TO PASSENGER AIRCRAFT MUST BE MET EXCEPT THAT THE REQUIREMENTS OF 4;1.1.2, 1.1.8 c), 1.1.8 e), AND 1.1.16 DO NOT APPLY.
- SUBSTANCES MUST BE COMPATABLE WITH THEIR PACKAGINGS AS REQUIRED BY 4; 1.1.3.
- THE LIMITATIONS AND PROVISIONS APPLY EQUALLY TO BOTH PASSENGER AND CARGO AIRCRAFT.
- SINGLE PACKAGINGS, INCLUDING COMPOSITES, ARE NOT PERMITTED.
- THE GROSS WEIGHT OF A LIMITED QUANTITY PACKAGE MUST NOT EXCEED 30 KG (66 LB).
- INNER PACKAGINGS MUST MEET THE REQUIREMENTS OF 6;3.2.
- OUTER PACKAGINGS MUST BE SO DESIGNED THAT THEY MEET THE CONSTRUCTION REQUIREMENTS IN SUBSECTION 6;3.1.
- EACH PACKAGE OFFERED FOR TRANSPORT MUST BE CAPABLE OF WITHSTANDING A 1.2M DROP TEST (SEE 4;4.4.1), AND A 24 HOUR STACK TEST (SEE 4;4.4.2) AND A 95 kPa PRESSURE DIFFERENTIAL (SEE 4;1.1.6).
- EACH PACKAGE OFFERED FOR TRANSPORT MUST BE MARKED AS REQUIRED BY THE APPLICABLE PARAGRAPHS OF PART 5; CHAPTER 2.
- THE DANGEROUS GOODS TRANSPORT DOCUMENT REQUIRED BY 5;4.1 MUST CONTAIN THE WORDS “LIMITED QUANTITY” OR “LTD QTY”.

PG II ONLY

- GLASS OR EARTHENWARE INNER PACKAGINGS MUST BE PACKED WITH ABSORBENT MATERIAL AND PLACED IN A LEAKPROOF RECEPTACLE BEFORE PLACING IN OUTER PACKAGINGS.
- FOR COMBINATION PACKAGES, PLASTIC AND METAL INNER PACKAGINGS MUST BE PLACED IN A LEAKPROOF LINER, PLASTIC BAG, OR OTHER EQUALLY EFFCIENT MEANS OF INTERMEDIATE LEAKPROOF CONTAINMENT.

PG III ONLY

- ALL INNER PACKAGINGS MUST BE PLACED IN A PLASTIC BAG OR OTHER EQUALLY EFFICIENT MEANS OF PROTECTION.

OUTER CONTAINERS FOR COMBINATION PACKAGINGS

BOXES	DRUMS	JERRICANS
ALUMINUM (4B)	ALUMINUM (1B2)	ALUMINUM (3B2)
FIBREBOARD (4G)	FIBRE (1G)	PLASTIC (3H2)
PLYWOOD (4D)	PLASTIC (1H2)	STEEL (3A2)
RECONSTITUTED WOOD (4F)	PLYWOOD (1D)	
SOLID PLASTIC (4H2)	STEEL (1A2)	
STEEL (4A)		
WOODEN (4C1, 4C2)		

CLASS 6.1 LIMITED QUANTITY SOLID
61LQS

Packing Group	Inner Packaging	Inner Packaging Quantity	Packing Instruction	Outer Quantity
II	GLASS (IP.1)	**0.5 KG**	A Y613	**1.0 KG**
	PLASTIC (IP 2)	**0.5 KG**		
	METAL (IP 3/3A)	**0.5 KG**		
	PAPER BAG (IP.4)	**0.5 KG**		
	PLASTIC BAG (IP.5)	**0.5 KG**		
	FIBER (IP.6)	**0.5 KG**		
III	GLASS (IP.1)	**1.0 KG**	B Y619A	**10.0 KG**
	PLASTIC (IP 2)	**1.0 KG**		
	METAL (IP 3/3A)	**1.0 KG**		
	PAPER BAG (IP.4)	**1.0 KG**		
	PLASTIC BAG (IP.5)	**1.0 KG**		
	FIBER (IP.6)	**1.0 KG**		

ADDITIONAL PACKAGING REQUIREMENTS

- THE GENERAL PACKING REQUIREMENTS OF PART 4;1.1 APPLICABLE TO PASSENGER AIRCRAFT MUST BE MET EXCEPT THAT THE REQUIREMENTS OF 4;1.1.2, 1.1.8 c), 1.1.8 e), AND 1.1.16 DO NOT APPLY.
- SUBSTANCES MUST BE COMPATABLE WITH THEIR PACKAGINGS AS REQUIRED BY 4; 1.1.3.
- SINGLE PACKAGINGS, INCLUDING COMPOSITES, ARE NOT PERMITTED..
- THE LIMITATIONS AND PROVISIONS APPLY EQUALLY TO BOTH PASSENGER AND CARGO AIRCRAFT.
- METAL PACKAGINGS MUST BE CORROSION-RESISTANT OR WITH PROTECTION AGAINST CORROSION FOR SUBSTANCES WITH A CLASS 8 SUBSIDIARY RISK
- THE GROSS WEIGHT OF A LIMITED QUANTITY PACKAGE MUST NOT EXCEED 30 KG (66 LB).
- INNER PACKAGINGS MUST MEET THE REQUIREMENTS OF 6;3.2.

- OUTER PACKAGINGS MUST BE SO DESIGNED THAT THEY MEET THE CONSTRUCTION REQUIREMENTS IN SUBSECTION 6;3.1.
- EACH PACKAGE OFFERED FOR TRANSPORT MUST BE CAPABLE OF WITHSTANDING A 1.2M DROP TEST (SEE 4;4.4.1), AND A 24 HOUR STACK TEST (SEE 4;4.4.2).
- EACH PACKAGE OFFERED FOR TRANSPORT MUST BE MARKED AS REQUIRED BY THE APPLICABLE PARAGRAPHS OF PART 5; CHAPTER 2.
- THE DANGEROUS GOODS TRANSPORT DOCUMENT REQUIRED BY 5;4.1 MUST CONTAIN THE WORDS “LIMITED QUANTITY” OR “LTD QTY”.

PG II ONLY

- GLASS OR EARTHENWARE INNER PACKAGINGS MUST BE PACKED, SECURED OR CUSHIONED IN AN OUTER PACKAGING SO THAT BREAKAGE OR LEAKAGE OF CONTENTS CANNOT OCCUR DURING NORMAL CONDITIONS OF TRANSPORT.
- METAL PACKAGINGS MUST BE CORROSION-RESISTANT OR WITH PROTECTION AGAINST CORROSION FOR SUBSTANCES WITH A CLASS 8 SUBSIDIARY RISK

OUTER CONTAINERS FOR COMBINATION PACKAGINGS

BOXES	DRUMS	JERRICANS
ALUMINUM (4B)	ALUMINUM (1B2)	ALUMINUM (3B2)
FIBREBOARD (4G)	FIBRE (1G)	PLASTIC (3H2)
PLYWOOD (4D)	PLASTIC (1H2)	STEEL (3A2)
RECONSTITUTED WOOD (4F)	PLYWOOD (1D)	
SOLID PLASTIC (4H2)	STEEL (1A2)	
STEEL (4A)		
WOODEN (4C1, 4C2)		

CLASS 8 LIMITED QUANTITY LIQUID
80LQL

Packing Group	Inner Packaging	Inner Packaging Quantity	Packing Instruction	Outer Quantity
II	GLASS (IP.1)	**0.1 L**	A Y808, Y809	**0.5 L**
	PLASTIC (IP 2)	**0.1 L**		
	METAL (IP 3/3A)	**0.1 L**		
III	GLASS (IP.1)	**0.5 L**	B Y818	**1.0 L**
	PLASTIC (IP 2)	**0.5 L**		
	METAL (IP 3/3A)	**0.5 L**		

ADDITIONAL PACKAGING REQUIREMENTS

- THE GENERAL PACKING REQUIREMENTS OF PART 4;1.1 APPLICABLE TO PASSENGER AIRCRAFT MUST BE MET EXCEPT THAT THE REQUIREMENTS OF 4;1.1.2, 1.1.8 c), 1.1.8 e), AND 1.1.16 DO NOT APPLY.
- SUBSTANCES MUST BE COMPATABLE WITH THEIR PACKAGINGS AS REQUIRED BY 4; 1.1.3.
- THE LIMITATIONS AND PROVISIONS APPLY EQUALLY TO BOTH PASSENGER AND CARGO AIRCRAFT.
- SINGLE PACKAGINGS, INCLUDING COMPOSITES, ARE NOT PERMITTED.
- THE GROSS WEIGHT OF A LIMITED QUANTITY PACKAGE MUST NOT EXCEED 30 KG (66 LB).
- INNER PACKAGINGS MUST MEET THE REQUIREMENTS OF 6;3.2.
- OUTER PACKAGINGS MUST BE SO DESIGNED THAT THEY MEET THE CONSTRUCTION REQUIREMENTS IN SUBSECTION 6;3.1.
- EACH PACKAGE OFFERED FOR TRANSPORT MUST BE CAPABLE OF WITHSTANDING A 1.2M DROP TEST (SEE 4;4.4.1), AND A 24 HOUR STACK TEST (SEE 4;4.4.2) AND A 95 kPa PRESSURE DIFFERENTIAL (SEE 4;1.1.6).
- EACH PACKAGE OFFERED FOR TRANSPORT MUST BE MARKED AS REQUIRED BY THE APPLICABLE PARAGRAPHS OF PART 5; CHAPTER 2.
- THE DANGEROUS GOODS TRANSPORT DOCUMENT REQUIRED BY 5;4.1 MUST CONTAIN THE WORDS “LIMITED QUANTITY” OR “LTD QTY”.

PG II ONLY

- GLASS OR EARTHENWARE INNER PACKAGINGS MUST BE PACKED WITH ABSORBENT MATERIAL AND PLACED IN A LEAKPROOF RECEPTACLE BEFORE PLACING IN OUTER PACKAGINGS.
- FOR COMBINATION PACKAGES, PLASTIC AND METAL INNER PACKAGINGS MUST BE PLACED IN A LEAKPROOF LINER, PLASTIC BAG, OR OTHER EQUALLY EFFCIENT MEANS OF INTERMEDIATE LEAKPROOF CONTAINMENT.

- METAL PACKAGINGS MUST BE CORROSION-RESISTANT OR WITH PROTECTION AGAINST CORROSION.
- GLASS EARTHENWARE INNER PACKAGINGS ARE PERMITTED IF THIS ITEM IS FREE FROM HYDROFLUORIC ACID.

PG III ONLY

- FOR COMBINATION PACKAGES, ALL INNER PACKAGINGS MUST BE PLACED IN A PLASTIC BAG OR OTHER EQUALLY EFFICIENT MEANS OF PROTECTION.
- METAL PACKAGINGS MUST BE CORROSION-RESISTANT OR WITH PROTECTION AGAINST CORROSION.
- GLASS EARTHENWARE INNER PACKAGINGS ARE PERMITTED IF THIS ITEM IS FREE FROM HYDROFLUORIC ACID.

OUTER CONTAINERS FOR COMBINATION PACKAGINGS

BOXES	DRUMS	JERRICANS
ALUMINUM (4B)	ALUMINUM (1B2)	ALUMINUM (3B2)
FIBREBOARD (4G)	FIBRE (1G)	PLASTIC (3H2)
PLYWOOD (4D)	PLASTIC (1H2)	STEEL (3A2)
RECONSTITUTED WOOD (4F)	PLYWOOD (1D)	
SOLID PLASTIC (4H2)	STEEL (1A2)	
STEEL (4A)		
WOODEN (4C1, 4C2)		

CLASS 8 LIMITED QUANTITY SOLID
80LQS

Packing Group	Inner Packaging	Inner Packaging Quantity	Packing Instruction	Outer Quantity
II	GLASS (IP.1)	**0.5 KG**	A Y814	**1.0 KG**
	PLASTIC (IP 2)	**0.5 KG**		
	METAL (IP 3/3A)	**0.5 KG**		
	PLASTIC BAG (IP.5)	**0.5 KG**		
II	GLASS (IP.1)	**0.5 KG**	B Y814	**5.0 KG**
	PLASTIC (IP 2)	**0.5 KG**		
	METAL (IP 3/3A)	**0.5 KG**		
	PLASTIC BAG (IP.5)	**0.5 KG**		
III	GLASS (IP.1)	**1.0 KG**	C Y822	**5.0 KG**
	PLASTIC (IP 2)	**1.0 KG**		
	METAL (IP 3/3A)	**1.0 KG**		
	PLASTIC BAG (IP.5)	**1.0 KG**		

ADDITIONAL PACKAGING REQUIREMENTS

- THE GENERAL PACKING REQUIREMENTS OF PART 4;1.1 APPLICABLE TO PASSENGER AIRCRAFT MUST BE MET EXCEPT THAT THE REQUIREMENTS OF 4;1.1.2, 1.1.8 c), 1.1.8 e), AND 1.1.16 DO NOT APPLY.
- SUBSTANCES MUST BE COMPATABLE WITH THEIR PACKAGINGS AS REQUIRED BY 4; 1.1.3.
- SINGLE PACKAGINGS, INCLUDING COMPOSITES, ARE NOT PERMITTED.
- THE LIMITATIONS AND PROVISIONS APPLY EQUALLY TO BOTH PASSENGER AND CARGO AIRCRAFT.
- THE GROSS WEIGHT OF A LIMITED QUANTITY PACKAGE MUST NOT EXCEED 30 KG (66 LB).
- INNER PACKAGINGS MUST MEET THE REQUIREMENTS OF 6;3.2.
- OUTER PACKAGINGS MUST BE SO DESIGNED THAT THEY MEET THE CONSTRUCTION REQUIREMENTS IN SUBSECTION 6;3.1.

- EACH PACKAGE OFFERED FOR TRANSPORT MUST BE CAPABLE OF WITHSTANDING A 1.2M DROP TEST (SEE 4;4.4.1), AND A 24 HOUR STACK TEST (SEE 4;4.4.2).
- EACH PACKAGE OFFERED FOR TRANSPORT MUST BE MARKED AS REQUIRED BY THE APPLICABLE PARAGRAPHS OF PART 5; CHAPTER 2.
- THE DANGEROUS GOODS TRANSPORT DOCUMENT REQUIRED BY 5;4.1 MUST CONTAIN THE WORDS “LIMITED QUANTITY” OR “LTD QTY”.

PG II ONLY

- GLASS OR EARTHENWARE INNER PACKAGINGS MUST BE PACKED, SECURED OR CUSHIONED IN AN OUTER PACKAGING SO THAT BREAKAGE OR LEAKAGE OF CONTENTS CANNOT OCCUR DURING NORMAL CONDITIONS OF TRANSPORT.

PG II AND III

- METAL PACKAGINGS MUST BE CORROSION-RESISTANT OR WITH PROTECTION AGAINST CORROSION.
- GLASS EARTHENWARE INNER PACKAGINGS ARE PERMITTED IF THE SUBSTANCE IS FREE FROM HYDROFLUORIC ACID.

OUTER CONTAINERS FOR COMBINATION PACKAGINGS

BOXES	DRUMS	JERRICANS
ALUMINUM (4B)	ALUMINUM (1B2)	ALUMINUM (3B2)
FIBREBOARD (4G)	FIBRE (1G)	PLASTIC (3H2)
PLYWOOD (4D)	PLASTIC (1H2)	STEEL (3A2)
RECONSTITUTED WOOD (4F)	PLYWOOD (1D)	
SOLID PLASTIC (4H2)	STEEL (1A2)	
STEEL (4A)		
WOODEN (4C1, 4C2)		

TABLE #1

FLAMMABLE LIQUIDS							
302 to 302	Pax						
	1108	1-Pentene	3		I		All 302 to 302 **removed** plastic.
	1108	n-Amylene	3		I		
	1133	Adhesives containing flammable liquid	3		I		
	1139	Coating solution (includes surface treatments or coatings used for industrial or other purposes such as vehicle undercoating, drum or barrel lining) †	3		I		
	1144	Crotonylene	3		I		
	1155	Diethyl ether	3		I		
	1155	Ethyl ether	3		I		
	1210	Printing ink related material (including printing ink thinning or reducing compound), flammable	3		I		
	1210	Printing ink flammable	3		I		
	1218	Isoprene, stabilized	3		I		
	1243	Methyl formate	3		I		
	1263	Paint related material (including paint thinning or reducing compounds)	3		I		
	1263	Paint (including paint, lacquer, enamel, stain, shellac, varnish, polish, liquid filler and liquid lacquer base)	3		I		
	1265	Pentanes liquid	3		I		
	1267	Petroleum crude oil	3		I		
	1268	Petroleum distillates, n.o.s.	3		I		
	1268	Petroleum products, n.o.s.	3		I		
	1303	Vinylidene chloride, stabilized	3		I		
	1863	Fuel, aviation, turbine engine	3		I		
	1866	Resin solution flammable	3		I		

306 to 305
1279

	1989	Aldehydes, n.o.s. *	3		I		
	1993	Flammable liquid, n.o.s. *	3		I		
	2059	Nitrocellulose solution, flammable with 12.6% or less nitrogen, by dry weight, and 55% or less nitrocellulose	3		I		
	2459	2-Methyl-1-butene	3		I		
	2561	3-Methyl-1-butene	3		I		
	3295	Hydrocarbons, liquid, n.o.s.	3		I		
	3336	Mercaptan mixture, liquid, flammable, n.o.s. *	3		I		
	3336	Mercaptans, liquid, flammable, n.o.s. *	3		I		
306 to 302	**Pax**						
	1167	Divinyl ether, stabilized	3		I		**Added** aluminum. ~~PPR 13~~
	1280	Propylene oxide	3		I		~~8,13~~
	1302	Vinyl ethyl ether, stabilized	3		I		~~3,13~~ 8,13
	2356	2-Chloropropane	3		I		**3,13**
	2456	2-Chloropropene	3		I		**3,13**
302 to 302A	**Pax**						
	1221	Isopropylamine	3	8	I		**Removed** plastic, reduced metal from 1 to .5 L.
	1297	Trimethylamine, aqueous solution 50% or less trimethylamine, by weight	3	8	I		**Removed** plastic, reduced metal from 1 to .5 L.
	2733	Amines, flammable, corrosive, n.o.s. *	3	8	I		**Removed** plastic, reduced metal from 1 to .5 L.
	2733	Polyamines, flammable, corrosive, n.o.s. *	3	8	I		**Removed** plastic, reduced metal from 1 to .5 L.
	2924	Flammable liquid, corrosive, n.o.s. *	3	8	I		**Removed** plastic, reduced metal from 1 to .5 L.
	3469	Paint related material, flammable, corrosive	3	8	I		**Removed** plastic, reduced metal from 1 to .5 L.
	3469	Paint, flammable, corrosive	3	8	I		**Removed** plastic, reduced metal from 1 to .5 L.
305 to 306	Pax						
	1106	Amylamine	3	8	II		**Reduced** plastic and metal from 5 to 1 L
	1125	n-Butylamine	3	8	II		**Reduced** plastic and metal from 5 to 1 L
	1158	Diisopropylamine	3	8	II		**Reduced** plastic and metal from 5 to 1 L
	1160	Dimethylamine, aqueous solution	3	8	II		**Reduced** plastic and metal from 5 to 1 L
	1162	Dimethyldichlorosilane	3	8	II		**Reduced** plastic and metal from 5 to 1 L
	1214	Isobutylamine	3	8	II		**Reduced** plastic and metal from 5 to 1 L
	1230	Methanol	3	6.1	II		**Reduced** plastic and metal from 5 to 1 L
	1235	Methylamine, aqueous solution	3	8	II		**Reduced** plastic and metal from 5 to 1 L

	1289	Sodium methylate solution in alcohol	3	8	II		**Reduced** plastic and metal from 5 to 1 L
	1296	Triethylamine	3	8	II		**Reduced** plastic and metal from 5 to 1 L
	1297	Trimethylamine, aqueous solution 50% or less trimethylamine, by weight	3	8	II		**Reduced** plastic and metal from 5 to 1 L
	1815	Propionyl chloride	3	8	II		**Reduced** plastic and metal from 5 to 1 L
	1922	Pyrrolidine	3	8	II		**Reduced** plastic and metal from 5 to 1 L
	1986	Alcohols, flammable, toxic, n.o.s. *	3	6.1	II		**Reduced** plastic and metal from 5 to 1 L
	1988	Aldehydes, flammable, toxic, n.o.s. *	3	6.1	II		**Reduced** plastic and metal from 5 to 1 L
	1992	Flammable liquid, toxic, n.o.s. *	3	6.1	II		**Reduced** plastic and metal from 5 to 1 L
	2266	Dimethyl-N-propylamine	3	8	II		**Reduced** plastic and metal from 5 to 1 L
	2284	Isobutyronitrile	3	6.1	II		**Reduced** plastic and metal from 5 to 1 L
	2333	Allyl acetate	3	6.1	II		**Reduced** plastic and metal from 5 to 1 L
	2335	Allyl ethyl ether	3	6.1	II		**Reduced** plastic and metal from 5 to 1 L
	2353	Butyryl chloride	3	8	II		**Reduced** plastic and metal from 5 to 1 L
	2354	Chloromethyl ethyl ether	3	6.1	II		**Reduced** plastic and metal from 5 to 1 L
	2359	Diallylamine	3	6.1 8	II		**Reduced** plastic and metal from 5 to 1 L
	2378	2-Dimethylaminoacetonitrile	3	6.1	II		**Reduced** plastic and metal from 5 to 1 L
	2379	1,3-Dimethylbutylamine	3	8	II		**Reduced** plastic and metal from 5 to 1 L
	2383	Dipropylamine	3	8	II		**Reduced** plastic and metal from 5 to 1 L
	2386	1-Ethylpiperidine	3	8	II		**Reduced** plastic and metal from 5 to 1 L
	2395	Isobutyryl chloride	3	8	II		**Reduced** plastic and metal from 5 to 1 L
	2396	Methacrylaldehyde, stabilized	3	6.1	II		**Reduced** plastic and metal from 5 to 1 L
	2399	1-Methylpiperidine	3	8	II		**Reduced** plastic and metal from 5 to 1 L
	2411	Butyronitrile	3	6.1	II		**Reduced** plastic and metal from 5 to 1 L
	2535	4-Methylmorpholine	3	8	II		**Reduced** plastic and metal from 5 to 1 L
	2535	N-Methylmorpholine	3	8	II		**Reduced** plastic and metal from 5 to 1 L
	2603	Cycloheptatriene	3	6.1	II		**Reduced** plastic and metal from 5 to 1 L
	2622	Glycidaldehyde	3	6.1	II		**Reduced** plastic and metal from 5 to 1 L
	2733	Amines, flammable, corrosive, n.o.s. *	3	8	II		**Reduced** plastic and metal from 5 to 1 L
	2733	Polyamines, flammable, corrosive, n.o.s. *	3	8	II		**Reduced** plastic and metal from 5 to 1 L
	2758	Carbamate pesticide, liquid, flammable, toxic * flash point less than 23°C	3	6.1	II		**Reduced** plastic and metal from 5 to 1 L
	2760	Arsenical pesticide, liquid, flammable, toxic, * flash point less than 23°C	3	6.1	II		**Reduced** plastic and metal from 5 to 1 L

	2762	Organochlorine pesticide, liquid, flammable, toxic * flash point less than 23°C	3	6.1	II		**Reduced** plastic and metal from 5 to 1 L
	2764	Triazine pesticide, liquid, flammable, toxic, * flash point less than 23°C	3	6.1	II		**Reduced** plastic and metal from 5 to 1 L
	2772	Thiocarbamate pesticide, liquid, flammable, toxic, * flash point less than 23°C	3	6.1	II		**Reduced** plastic and metal from 5 to 1 L
	2776	Copper based pesticide, liquid, flammable, toxic, * flash point less than 23°C	3	6.1	II		**Reduced** plastic and metal from 5 to 1 L
	2778	Mercury based pesticide, liquid, flammable, toxic, * flash point less than 23°C	3	6.1	II		**Reduced** plastic and metal from 5 to 1 L
	2780	Substituted nitrophenol pesticide, liquid, flammable, toxic, * flash point less than 23°C	3	6.1	II		**Reduced** plastic and metal from 5 to 1 L
	2782	Bipyridilium pesticide, liquid, flammable, toxic, * flash point less than 23°C	3	6.1	II		**Reduced** plastic and metal from 5 to 1 L
	2784	Organophosphorus pesticide, liquid, flammable, toxic, * flash point less than 23°C	3	6.1	II		**Reduced** plastic and metal from 5 to 1 L
	2787	Organotin pesticide, liquid, flammable, toxic * flash point less than 23°C	3	6.1	II		**Reduced** plastic and metal from 5 to 1 L
	2924	Flammable liquid, corrosive, n.o.s. *	3	8	II		**Reduced** plastic and metal from 5 to 1 L
	2945	N-Methylbutylamine	3	8	II		**Reduced** plastic and metal from 5 to 1 L
	2985	Chlorosilanes, flammable, corrosive, n.o.s.	3	8	II		**Reduced** plastic and metal from 5 to 1 L
	3021	Pesticide, liquid, flammable, toxic, n.o.s. * flash point less than 23°C	3	6.1	II		**Reduced** plastic and metal from 5 to 1 L
	3024	Coumarin derivative pesticide, liquid, flammable, toxic * flashpoint less than 23°C	3	6.1	II		**Reduced** plastic and metal from 5 to 1 L
	3248	Medicine, liquid, flammable, toxic, n.o.s.	3	6.1	II		**Reduced** plastic and metal from 5 to 1 L
	3273	Nitriles, flammable, toxic, n.o.s. *	3	6.1	II		**Reduced** plastic and metal from 5 to 1 L
	3274	Alcoholates solution, n.o.s. *	3	8	II		**Reduced** plastic and metal from 5 to 1 L
	3286	Flammable liquid, toxic, corrosive, n.o.s. *	3	6.1 8	II		**Reduced** plastic and metal from 5 to 1 L

	3346	Phenoxyacetic acid derivative pesticide, liquid, flammable, toxic * flash point less than 23°C	3	6.1	II		**Reduced** plastic and metal from 5 to 1 L
	3350	Pyrethroid pesticide, liquid, flammable, toxic * flash point less than 23°C	3	6.1	II		**Reduced** plastic and metal from 5 to 1 L
	3469	Paint related material, flammable, corrosive	3	8	II		**Reduced** plastic and metal from 5 to 1 L
	3469	Paint, flammable, corrosive	3	8	II		**Reduced** plastic and metal from 5 to 1 L
306 to 306	**Pax**						
	1111	Amyl mercaptan	3		II		**PPR 2**
	1154	Diethylamine	3	8	II		**Added** alum
	1184	Ethylene dichloride	3	6.1	II		PPR 3
	1196	Ethyltrichlorosilane	3	8	II		**Increased** glass, plastic and metal from .5 to 1 L and added alum. PPR 5
	1204	Nitroglycerin solution in alcohol with 1% or less nitroglycerin	3		II		**Added** alum
	1228	Mercaptan mixture, liquid, flammable, toxic, n.o.s. *	3	6.1	III		PPR 2
	1228	Mercaptans, liquid, flammable, toxic, n.o.s. *	3	6.1	III		PPR 2
	1277	Propylamine	3	8	II		**Added** alum PPR 5
	1298	Trimethylchlorosilane	3	8	II		**Increased** glass, plastic and metal from .5 to 1 L and added alum. PPR 5
	1717	Acetyl chloride	3	8	II		**Added** alum PPR 2,5
	1723	Allyl iodide	3	8	II		**Increased** glass and plastic from .5 to 1 L and added alum. PPR 2
	2270	Ethylamine, aqueous solution with 50% or more but not more than 70% ethylamine	3	8	II		**Increased** glass from .5 to 1 L and added plastic.
	2347	Butyl mercaptan	3		II		PPR 2
	2360	Diallyl ether	3	6.1	II		**Added** plastic
	2402	Propanethiols	3		II		PPR 2
	2478	Isocyanate solution, flammable, toxic, n.o.s. * †	3	6.1	II		PPR 5
	2478	Isocyanates, flammable, toxic, n.o.s. * †	3	6.1	II		PPR 5
	2486	Isobutyl isocyanate	3	6.1	II		PPR 5
	2493	Hexamethyleneimine	3	8	II		**Added** metal

309 to 309	**Pax**	Old 309 had the requirement for packagings to meet performance requirements for Packing Group II					
309 to 309A	**Pax**	Old 309 had the requirement for packagings to meet performance requirements for Packing Group II					
	1106	Amylamine	3	8	III		**Reduced** plastic and metal from 10 to 5 L
	1198	Formaldehyde solution, flammable	3	8	III		**Reduced** plastic and metal from 10 to 5 L
	1289	Sodium methylate solution in alcohol	3	8	III		**Reduced** plastic and metal from 10 to 5 L
	1297	Trimethylamine, aqueous solution 50% or less trimethylamine, by weight	3	8	III		**Reduced** plastic and metal from 10 to 5 L
	2260	Tripropylamine	3	8	III		**Reduced** plastic and metal from 10 to 5 L
	2276	2-Ethylhexylamine	3	8	III		**Reduced** plastic and metal from 10 to 5 L
	2361	Diisobutylamine	3	8	III		**Reduced** plastic and metal from 10 to 5 L
	2526	Furfurylamine	3	8	III		**Reduced** plastic and metal from 10 to 5 L
	2529	Isobutyric acid	3	8	III		**Reduced** plastic and metal from 10 to 5 L
	2610	Triallylamine	3	8	III		**Reduced** plastic and metal from 10 to 5 L
	2684	3-Diethylaminopropylamine	3	8	III		**Reduced** plastic and metal from 10 to 5 L
	2733	Amines, flammable, corrosive, n.o.s. *	3	8	III		**Reduced** plastic and metal from 10 to 5 L
	2733	Polyamines, flammable, corrosive, n.o.s. *	3	8	III		**Reduced** plastic and metal from 10 to 5 L
	2924	Flammable liquid, corrosive, n.o.s. *	3	8	III		**Reduced** plastic and metal from 10 to 5 L
	3469	Paint related material, flammable, corrosive	3	8	III		**Reduced** plastic and metal from 10 to 5 L
	3469	Paint, flammable, corrosive	3	8	III		**Reduced** plastic and metal from 10 to 5 L
303 to 303	**CAO**						
	1093	Acrylonitrile, stabilized	3	6.1	I		**Removed** plastic.
	1099	Allyl bromide	3	6.1	I		**Removed** plastic.
	1100	Allyl chloride	3	6.1	I		**Removed** plastic.
	1108	1-Pentene	3		I		**Removed** plastic.
	1108	n-Amylene	3		I		**Removed** plastic.
	1133	Adhesives containing flammable liquid	3		I		**Removed** plastic.
	1139	Coating solution (includes surface treatments or coatings used for industrial or other purposes such as vehicle undercoating, drum or barrel lining) †	3		I		**Removed** plastic.

	1144	Crotonylene	3		I		Removed plastic.
	1155	Diethyl ether	3		I		Removed plastic.
	1155	Ethyl ether	3		I		Removed plastic.
	1210	Printing ink related material (including printing ink thinning or reducing compound), flammable	3		I		Removed plastic.
	1210	Printing ink flammable	3		I		Removed plastic.
	1218	Isoprene, stabilized	3		I		Removed plastic.
	1243	Methyl formate	3		I		Removed plastic.
	1263	Paint related material (including paint thinning or reducing compounds)	3		I		Removed plastic.
	1263	Paint (including paint, lacquer, enamel, stain, shellac, varnish, polish, liquid filler and liquid lacquer base)	3		I		Removed plastic.
	1265	Pentanes liquid	3		I		Removed plastic.
	1267	Petroleum crude oil	3		I		Removed plastic.
	1268	Petroleum distillates, n.o.s.	3		I		Removed plastic.
	1268	Petroleum products, n.o.s.	3		I		Removed plastic.
	1303	Vinylidene chloride, stabilized	3		I		Removed plastic.
	1308	Zirconium suspended in a flammable liquid †	3		I		Removed plastic.
	1863	Fuel, aviation, turbine engine	3		I		Removed plastic.
	1866	Resin solution flammable	3		I		Removed plastic.
	1986	Alcohols, flammable, toxic, n.o.s. *	3	6.1	I		Removed plastic.
	1988	Aldehydes, flammable, toxic, n.o.s. *	3	6.1	I		Removed plastic.
	1989	Aldehydes, n.o.s. *	3		I		Removed plastic.
	1991	Chloroprene, stabilized	3	6.1	I		Removed plastic.
	1992	Flammable liquid, toxic, n.o.s. *	3	6.1	I		Removed plastic.
	1993	Flammable liquid, n.o.s. *	3		I		Removed plastic.
	2059	Nitrocellulose solution, flammable with 12.6% or less nitrogen, by dry weight, and 55% or less nitrocellulose	3		I		Removed plastic.
	2336	Allyl formate	3	6.1	I		Removed plastic.
	2459	2-Methyl-1-butene	3		I		Removed plastic.
	2561	3-Methyl-1-butene	3		I		Removed plastic.

	2758	Carbamate pesticide, liquid, flammable, toxic * flash point less than 23°C	3	6.1	I		Removed plastic.
	2760	Arsenical pesticide, liquid, flammable, toxic, * flash point less than 23°C	3	6.1	I		Removed plastic.
	2762	Organochlorine pesticide, liquid, flammable, toxic * flash point less than 23°C	3	6.1	I		Removed plastic.
	2764	Triazine pesticide, liquid, flammable, toxic, * flash point less than 23°C	3	6.1	I		Removed plastic.
	2772	Thiocarbamate pesticide, liquid, flammable, toxic, * flash point less than 23°C	3	6.1	I		Removed plastic.
	2776	Copper based pesticide, liquid, flammable, toxic, * flash point less than 23°C	3	6.1	I		Removed plastic.
	2778	Mercury based pesticide, liquid, flammable, toxic, * flash point less than 23°C	3	6.1	I		Removed plastic.
	2780	Substituted nitrophenol pesticide, liquid, flammable, toxic, * flash point less than 23°C	3	6.1	I		Removed plastic.
	2782	Bipyridilium pesticide, liquid, flammable, toxic, * flash point less than 23°C	3	6.1	I		Removed plastic.
	2784	Organophosphorus pesticide, liquid, flammable, toxic, * flash point less than 23°C	3	6.1	I		Removed plastic.
	2787	Organotin pesticide, liquid, flammable, toxic * flash point less than 23°C	3	6.1	I		Removed plastic.
	3021	Pesticide, liquid, flammable, toxic, n.o.s. * flash point less than 23°C	3	6.1	I		Removed plastic.
	3024	Coumarin derivative pesticide, liquid, flammable, toxic * flashpoint less than 23°C	3	6.1	I		Removed plastic.
	3273	Nitriles, flammable, toxic, n.o.s. *	3	6.1	I		Removed plastic.
	3295	Hydrocarbons, liquid, n.o.s.	3		I		Removed plastic.
	3336	Mercaptan mixture, liquid, flammable, n.o.s. *	3		I		Removed plastic.

	3336	Mercaptans, liquid, flammable, n.o.s. *	3		I		**Removed** plastic.
	3346	Phenoxyacetic acid derivative pesticide, liquid, flammable, toxic * flash point less than 23°C	3	6.1	I		**Removed** plastic.
	3350	Pyrethroid pesticide, liquid, flammable, toxic * flash point less than 23°C	3	6.1	I		**Removed** plastic.
308 to 303	**CAO**						
	1167	Divinyl ether, stabilized	3		I		**Increased** metal from 2.5 to 5 L
	2363	Ethyl mercaptan	3		I		**Removed** plastic and increased metal from 1 to 5 L. PPR 5,13
304 to 303A	**CAO**						
	1089	Acetaldehyde	3		I		**Increased** glass from .5 to 1 L. PPR 13
	1250	Methyltrichlorosilane	3	8	I		**Increased** glass from .5 to 1 L, **removed** plastic and increased metal from 1 to 2.5 L and **added** aluminum. PPR 5.
	1280	Propylene oxide	3		I		**Increased** metal from 1 to 2.5 L and added aluminum.
	1302	Vinyl ethyl ether, stabilized	3		I		PPR 13
	1305	Vinyltrichlorosilane	3	8	I		**Removed** plastic and increased metal from 1 to 2.5 L and added aluminum. PPR 5,13
	1921	Propyleneimine, stabilized	3	6.1	I		**Increased** glass from .5 to 1 L and increased metal from 1 to 2.5 L and added aluminum. PPR 13
	2356	2-Chloropropane	3		I		**Increased** glass from .5 to 1 L. PPR 3,13
	2456	2-Chloropropene	3		I		**Increased** glass from .5 to 1 L. PPR 3,13
	2749	Tetramethylsilane	3		I		**Added** aluminum. PPR 5,13
	2983	Ethylene oxide and propylene oxide mixture 30% or less ethylene oxide	3	6.1	I		**Added** glass and aluminum. PPR 6,8
303 to 303A	**CAO**						
	1221	Isopropylamine	3	8	I		**Removed** plastic and **reduced** metal from 5 to 2.5 L.
	1297	Trimethylamine, aqueous solution 50% or less trimethylamine, by weight	3	8	I		**Removed** plastic and **reduced** metal from 5 to 2.5 L.
	2733	Amines, flammable, corrosive, n.o.s. *	3	8	I		**Removed** plastic and **reduced** metal from 5 to 2.5 L.

	2733	Polyamines, flammable, corrosive, n.o.s. *	3	8	I		**Removed** plastic and **reduced** metal from 5 to 2.5 L.
	2924	Flammable liquid, corrosive, n.o.s. *	3	8	I		**Removed** plastic and **reduced** metal from 5 to 2.5 L.
	3286	Flammable liquid, toxic, corrosive, n.o.s. *	3	6.1 8	I		**Removed** plastic and **reduced** metal from 5 to 2.5 L.
	3469	Paint related material, flammable, corrosive	3	8	I		**Removed** plastic and **reduced** metal from 5 to 2.5 L.
	3469	Paint, flammable, corrosive	3	8	I		**Removed** plastic and **reduced** metal from 5 to 2.5 L.
304 to 304	**CAO**						
	1196	Ethyltrichlorosilane	3	8	II		**Increased** glass from .5 to 1 L and added aluminum. PPR 5
	1298	Trimethylchlorosilane	3	8	II		**Increased** plastic from .5 to 1 L and added aluminum. PPR 5,13
	1723	Allyl iodide	3	8	II		**Added** metal. PPR 2,13
308 to 307	**CAO**						
	1184	Ethylene dichloride	3	6.1	II		PPR 3
	2402	Propanethiols	3		II		**Increased** plastic from 2.5 to 5 L and **increased** metal from 2.5 to 10. PPR 2,13
308 to 308	**CAO**						
	1111	Amyl mercaptan	3		II		**Increased** metal from 2.5 to 5 L. PPR 2,13
	1154	Diethylamine	3	8	II		**Reduced** plastic from 5 to 2.5 and added aluminum. PPR 13
	1204	Nitroglycerin solution in alcohol with 1% or less nitroglycerin	3		II		**Increased** glass and plastic from 1 to 2.5 L, and increased metal from 1 to 5 L and added aluminum.
	1228	Mercaptan mixture, liquid, flammable, toxic, n.o.s. *	3	6.1	III		**Increased** metal from 2.5 to 5 L. PPR 2,13
	1228	Mercaptan mixture, liquid, flammable, toxic, n.o.s. *	3	6.1	II		**Increased** metal from 2.5 to 5 L. PPR 2,13
	1228	Mercaptans, liquid, flammable, toxic, n.o.s. *	3	6.1	III		**Increased** metal from 2.5 to 5 L. PPR 2,13
	1228	Mercaptans, liquid, flammable, toxic, n.o.s. *	3	6.1	II		**Increased** metal from 2.5 to 5 L. PPR 2,13
	1277	Propylamine	3	8	II		**Added** aluminum. PPR 5
	1278	1-Chloropropane	3		II		**Added** aluminum.

	1717	Acetyl chloride	3	8	II		**Increased** metal from 2.5 to 5 L and added aluminum. PPR 2,5,13
	2270	Ethylamine, aqueous solution with 50% or more but not more than 70% ethylamine	3	8	II		**Increased** glass from .5 to 2.5 L and increased metal from 2.5 to 5 L.
	2347	Butyl mercaptan	3		II		**Increased** metal from 2.5 to 5 L. PPR 2,13
	2360	Diallyl ether	3	6.1	II		**Added** plastic and increased metal from 2.5 to 5 L.
	2478	Isocyanate solution, flammable, toxic, n.o.s. * †	3	6.1	II		**Increased** plastic from 1 to 2.5 L and increased metal from 2.5 to 5 L. PPR 5,13
	2478	Isocyanates, flammable, toxic, n.o.s. * †	3	6.1	II		**Increased** plastic from 1 to 2.5 L and increased metal from 2.5 to 5 L. PPR 5,13
	2486	Isobutyl isocyanate	3	6.1	II		**Increased** plastic from 1 to 2.5 L and increased metal from 2.5 to 5 L. PPR 5,13
	2493	Hexamethyleneimine	3	8	II		**Added** metal.
307 to 308	**CAO**						
	1106	Amylamine	3	8	II		**Reduced** plastic from 5 to 2.5 L and metal from 10 to 5 L
	1125	n-Butylamine	3	8	II		**Reduced** plastic from 5 to 2.5 L and metal from 10 to 5 L
	1158	Diisopropylamine	3	8	II		**Reduced** plastic from 5 to 2.5 L and metal from 10 to 5 L
	1160	Dimethylamine, aqueous solution	3	8	II		**Reduced** plastic from 5 to 2.5 L and metal from 10 to 5 L
	1162	Dimethyldichlorosilane	3	8	II		**Reduced** plastic from 5 to 2.5 L and metal from 10 to 5 L
	1214	Isobutylamine	3	8	II		**Reduced** plastic from 5 to 2.5 L and metal from 10 to 5 L
	1235	Methylamine, aqueous solution	3	8	II		**Reduced** plastic from 5 to 2.5 L and metal from 10 to 5 L
	1289	Sodium methylate solution in alcohol	3	8	II		**Reduced** plastic from 5 to 2.5 L and metal from 10 to 5 L
	1296	Triethylamine	3	8	II		**Reduced** plastic from 5 to 2.5 L and metal from 10 to 5 L
	1297	Trimethylamine, aqueous solution 50% or less trimethylamine, by weight	3	8	II		**Reduced** plastic from 5 to 2.5 L and metal from 10 to 5 L
	1815	Propionyl chloride	3	8	II		**Reduced** plastic from 5 to 2.5 L and metal from 10 to 5 L
	1922	Pyrrolidine	3	8	II		**Reduced** plastic from 5 to 2.5 L and metal from 10 to 5 L

	2266	Dimethyl-N-propylamine	3	8	II		**Reduced** plastic from 5 to 2.5 L and metal from 10 to 5 L
	2353	Butyryl chloride	3	8	II		**Reduced** plastic from 5 to 2.5 L and metal from 10 to 5 L
	2359	Diallylamine	3	6.1 8	II		**Reduced** plastic from 5 to 2.5 L and metal from 10 to 5 L
	2379	1,3-Dimethylbutylamine	3	8	II		**Reduced** plastic from 5 to 2.5 L and metal from 10 to 5 L
	2383	Dipropylamine	3	8	II		**Reduced** plastic from 5 to 2.5 L and metal from 10 to 5 L
	2386	1-Ethylpiperidine	3	8	II		**Reduced** plastic from 5 to 2.5 L and metal from 10 to 5 L
	2395	Isobutyryl chloride	3	8	II		**Reduced** plastic from 5 to 2.5 L and metal from 10 to 5 L
	2399	1-Methylpiperidine	3	8	II		**Reduced** plastic from 5 to 2.5 L and metal from 10 to 5 L
	2535	4-Methylmorpholine	3	8	II		**Reduced** plastic from 5 to 2.5 L and metal from 10 to 5 L
	2535	N-Methylmorpholine	3	8	II		**Reduced** plastic from 5 to 2.5 L and metal from 10 to 5 L
	2733	Amines, flammable, corrosive, n.o.s. *	3	8	II		**Reduced** plastic from 5 to 2.5 L and metal from 10 to 5 L
	2733	Polyamines, flammable, corrosive, n.o.s. *	3	8	II		**Reduced** plastic from 5 to 2.5 L and metal from 10 to 5 L
	2924	Flammable liquid, corrosive, n.o.s. *	3	8	II		**Reduced** plastic from 5 to 2.5 L and metal from 10 to 5 L
	2945	N-Methylbutylamine	3	8	II		**Reduced** plastic from 5 to 2.5 L and metal from 10 to 5 L
	2985	Chlorosilanes, flammable, corrosive, n.o.s.	3	8	II		**Reduced** plastic from 5 to 2.5 L and metal from 10 to 5 L
	3248	Medicine, liquid, flammable, toxic, n.o.s.	3	6.1	II		**Reduced** plastic from 5 to 2.5 L and metal from 10 to 5 L
	3274	Alcoholates solution, n.o.s. *	3	8	II		**Reduced** plastic from 5 to 2.5 L and metal from 10 to 5 L
	3286	Flammable liquid, toxic, corrosive, n.o.s. *	3	6.1 8	II		**Reduced** plastic from 5 to 2.5 L and metal from 10 to 5 L
	3469	Paint related material, flammable, corrosive	3	8	II		**Reduced** plastic from 5 to 2.5 L and metal from 10 to 5 L
	3469	Paint, flammable, corrosive	3	8	II		**Reduced** plastic from 5 to 2.5 L and metal from 10 to 5 L

FLAMMABLE SOLIDS, ETC.							
408	Pax						
UN3399 is not in 409	3129	Water-reactive liquid, corrosive, n.o.s. *	4.3	8	II		**Reduced** metal from 2.5 to 1 L.
	3130	Water-reactive liquid, toxic, n.o.s. *	4.3	6.1	II		
	3148	Water-reactive liquid, n.o.s. *	4.3		II		
415 from 416	Pax						
	1326	Hafnium powder, wetted with not less than 25% water (a visible excess of water must be present)	4.1		II		**Increased** glass from .5 to 1 kg, added aluminum, increased plastic bags from .5 to 1 kg.
	1339	Phosphorus heptasulphide free from yellow and white phosphorus	4.1		II		**Increased** glass and plastic bags from .5 to 1 kg and added plastic and aluminum.
	1340	Phosphorus pentasulphide free from yellow and white phosphorus	4.3	4.1	II		**Increased** glass and plastic bags from .5 to 1 kg and added plastic and aluminum.
	1341	Phosphorus sesquisulphide free from yellow and white phosphorus	4.1		II		**Increased** glass and plastic bags from .5 to 1 kg and added plastic and aluminum.
	1343	Phosphorus trisulphide free from yellow and white phosphorus	4.1		II		**Increased** glass and plastic bags from .5 to 1 kg and added plastic and aluminum.
	1352	Titanium powder, wetted	4.1		II		**Increased** glass from .5 to 1 kg, added aluminum, increased plastic bags from .5 to 1 kg.
	1358	Zirconium powder, wetted	4.1		II		**Increased** glass from .5 to 1 kg, added aluminum, increased plastic bags from .5 to 1 kg.
	1369	p-Nitrosodimethylaniline	4.2		II		**Added** aluminum and plastic bags.
	1382	Potassium sulphide with less than 30% water of crystallization †	4.2		II		**Added** aluminum and plastic bags.
	1382	Potassium sulphide, anhydrous †	4.2		II		**Added** aluminum and plastic bags.
	1384	Sodium dithionite	4.2		II		**Increased** glass from .5 to 1 kg, and plastic from 1 to 2.5 kg and added plastic bags.
	1384	Sodium hydrosulphite	4.2		II		**Increased** glass from .5 to 1 kg, and plastic from 1 to 2.5 kg and added plastic bags.
	1385	Sodium sulphide with less than 30% water of crystallization †	4.2		II		**Added** aluminum and plastic bags.
	1385	Sodium sulphide, anhydrous †	4.2		II		**Added** aluminum and plastic bags.
	1390	Alkali metal amides	4.3		II		**Increased** plasticand metal from 1 to 2.5 kg and added plastic bags. PPR 2,5,9
	1394	Aluminium carbide	4.3		II		**Increased** plastic from 1 to 2.5 kg and added aluminum and plastic bags.

	1402	Calcium carbide	4.3		II		**Increased** plastic from 1 to 2.5 kg and added aluminum and plastic bags.
	1409	Metal hydrides, water-reactive, n.o.s. *	4.3		II		**Added** aluminum and plastic bags.
	1417	Lithium silicon †	4.3		II		**Increased** glass from .5 to 1 kg, and metal from 1 to 2.5 kg, and plastic from .5 to 2.5 kg, added plastic bags.
	1437	Zirconium hydride	4.1		II		**Increased** glass from .5 to 1 kg and plastic from .5 to 2.5 kg and added aluminum and plastic bags.
	1871	Titanium hydride	4.1		II		**Increased** glass from .5 to 1 kg and plastic bags from 1 to 2.5 kg and added aluminum.
	1923	Calcium dithionite	4.2		II		**Increased** glass from .5 to 1 kg, and plastic from 1 to 2.5 kg added plastic bags.
	1923	Calcium hydrosulphite	4.2		II		**Increased** glass from .5 to 1 kg, and plastic from 1 to 2.5 kg added plastic bags.
	1929	Potassium dithionite	4.2		II		**Increased** glass from .5 to 1 kg, and plastic from 1 to 2.5 kg added plastic bags.
	1929	Potassium hydrosulphite	4.2		II		**Increased** glass from .5 to 1 kg, and plastic from 1 to 2.5 kg added plastic bags.
	2004	Magnesium diamide	4.2		II		**Increased** glass from .5 to 1 kg, and plastic from 1 to 2.5 kg and added plastic bags. PPR 9
	2008	Zirconium powder, dry	4.2		II		**Increased** glass from .5 to 1 kg, and plastic from 1 to 2.5 kg added metal and plastic bags.
	2318	Sodium hydrosulphide with less than 25% water of crystallization	4.2		II		**Increased** plastic and metal from 1 to 2.5 kg.
	2545	Hafnium powder, dry	4.2		II		**Increased** glass from .5 to 1 kg and plastic from 1 to 2.5 kg and added aluminum.
	2546	Titanium powder, dry	4.2		II		**Increased** glass from .5 to 1 kg and plastic from 1 to 2.5 kg and added aluminum.
	2805	Lithium hydride, fused solid	4.3		II		**Increased** plastic and metal from 1 to 2.5 kg, and added plastic bags.
	3182	Metal hydrides, flammable, n.o.s. *	4.1		II		**Increased** glass from .5 to 1 kg and plastic from .5 to 2.5 kg and added aluminum and plastic bags.
416 to 415A	**Pax**						
	1431	Sodium methylate	4.2	8	II		**Added** aluminum. PPR 5
	2624	Magnesium silicide	4.3		II		**Increased** glass and plastic from .5 to 1 kg.
	3205	Alkaline earth metal alcoholates, n.o.s. *	4.2		II		**Added** aluminum. PPR 5
	3206	Alkali metal alcoholates, self-heating, corrosive, n.o.s. *	4.2	8	II		**Added** aluminum. PPR 5
	3208	Metallic substance, water-reactive, n.o.s. *	4.3		II		**Added** plastic and aluminum. PPR 5, 22

	3209	Metallic substance, water-reactive, self-heating, n.o.s. *	4.3	4.2	II		**Added** plastic and aluminum. PPR 5, 22
416 to 416A	**Pax**						
	1310	Ammonium picrate, wetted with not less than 10% water, by weight	4.1		I		**Added** plastic, metal and plastic bags.
	1320	Dinitrophenol, wetted with 15% or more water, by weight	4.1	6.1	I		**Added** metal and plastic bags. PPR 9
	1321	Dinitrophenolates, wetted with 15% or more water, by weight	4.1	6.1	I		**Added** metal and plastic bags. PPR 9
	1322	Dinitroresorcinol, wetted with 15% or more water, by weight	4.1		I		**Added** metal and plastic bags. PPR 9
	1336	Nitroguanidine, wetted with 20% or more water, by weight	4.1		I		**Added** metal and plastic bags. PPR 9
	1336	Picrite, wetted with 20% or more water, by weight	4.1		I		**Added** metal and plastic bags. PPR 9
	1337	Nitrostarch, wetted with 20% or more water, by weight	4.1		I		**Added** metal and plastic bags. PPR 9
	1344	Trinitrophenol, wetted with 30% or more water, by weight	4.1		I		**Added** metal and plastic bags. PPR 9
	1348	Sodium dinitro-o-cresolate, wetted with 15% or more water, by weight	4.1	6.1	I		**Added** metal and plastic bags. PPR 9
	1354	Trinitrobenzene, wetted with 30% or more water, by weight	4.1		I		**Added** metal and plastic bags. PPR 9
	1355	Trinitrobenzoic acid, wetted with 30% or more water, by weight	4.1		I		**Added** metal and plastic bags. PPR 9
	1356	Trinitrotoluene, wetted with 30% or more water, by weight	4.1		I		**Added** metal and plastic bags. PPR 9
	1357	Urea nitrate, wetted with 20% or more water, by weight	4.1		I		**Added** metal and plastic bags. PPR 9
	1517	Zirconium picramate, wetted with 20% or more water, by weight	4.1		I		**Added** metal and plastic bags. PPR 9
	3317	2-Amino-4,6-dinitrophenol, wetted with 20% or more water by mass	4.1		I		**Added** metal and plastic bags. PPR 9
	3364	Picric acid, wetted with 10% or more water, by weight	4.1		I		**Added** metal and plastic bags. PPR 9
	3364	Trinitrophenol, wetted with 10% or more water but less than 30% water, by weight	4.1		I		**Added** metal and plastic bags. PPR 9
	3365	Picryl chloride, wetted with 10% or more water, by weight	4.1		I		**Added** metal and plastic bags. PPR 9

	3365	Trinitrochlorobenzene, wetted with 10% or more water, by weight	4.1		I		**Added** metal and plastic bags. PPR 9
	3366	TNT, wetted with more than 10% but less than 30% water, by weight	4.1		I		**Added** metal and plastic bags. PPR 9
	3366	Trinitrotoluene, wetted with more than 10% but less than 30% water, by weight	4.1		I		**Added** metal and plastic bags. PPR 9
	3367	Trinitrobenzene, wetted with 10% or more water but less than 30% water, by weight	4.1		I		**Added** metal and plastic bags. PPR 9
	3368	Trinitrobenzoic acid, wetted with 10% or more water but less than 30% water, by weight	4.1		I		**Added** metal and plastic bags. PPR 9
	3369	Sodium dinitro-o-cresolate, wetted with more than 10% but less than 15% water, by weight	4.1		I		**Added** metal and plastic bags. PPR 9
	3370	Urea nitrate, wetted with > 10% but < 20% water, by weight	4.1		I		**Added** metal and plastic bags. PPR 9
419	**Pax**						
	2008	Zirconium powder, dry	4.2		III		**Increased** glass from .5 to 5 kg and plastic from 1 to 10 kg and metal from 2.5 and added plastic bags.
422	**Pax**						
	1313	Calcium resinate	4.1		III		**Increased** glass from 1 to 2.5 kg and added plastic.
	1314	Calcium resinate, fused	4.1		III		**Increased** glass from 1 to 2.5 kg and added plastic.
	1318	Cobalt resinate, precipitated	4.1		III		**Increased** glass from 1 to 2.5 kg and added plastic.
	1338	Phosphorus, amorphous	4.1		III		**Increased** glass from .5 to 2.5 kg and added plastic.
	1408	Ferrosilicon with 30% or more but less than 90% silicon	4.3	6.1	III		**Increased** glass and plastic from 1 to 2.5 kg.
	3182	Metal hydrides, flammable, n.o.s. *	4.1		III		**Increased** glass and plastic from 1 to 2.5 kg and added aluminum.
	3205	Alkaline earth metal alcoholates, n.o.s. *	4.2		III		**Increased** metal from 2.5 to 5 kg and added aluminum. PPR 5
	3206	Alkali metal alcoholates, self-heating, corrosive, n.o.s. *	4.2	8	III		**Increased** metal from 2.5 to 5 kg and added aluminum. PPR 5

	3208	Metallic substance, water-reactive, n.o.s. *	4.3		III		**Increased** metal from 2.5 to 5 kg and added plastic aluminum. PPR 5, 22
	3209	Metallic substance, water-reactive, self-heating, n.o.s. *	4.3	4.2	III		
409	**CAO**						
UN1389 and UN3399 are not in 409							
	2965	Boron trifluoride dimethyl etherate	4.3	3 8	I		**Removed** plastic.
	2988	Chlorosilanes, water-reactive, flammable, corrosive, n.o.s.	4.3	3 8	I		**Removed** plastic.
	3129	Water-reactive liquid, corrosive, n.o.s. *	4.3	8	I		**Removed** plastic.
	3130	Water-reactive liquid, toxic, n.o.s. *	4.3	6.1	I		**Removed** plastic.
	3148	Water-reactive liquid, n.o.s. *	4.3		I		**Removed** plastic.
412	**CAO**						
UN3395 not in 415							
PPR for Performance Level II Packaging requirements	1349	Sodium picramate, wetted with 20% or more water, by weight	4.1		I		**Removed** plastic and added metal 5 kg. PPR 9
	1360	Calcium phosphide	4.3	6.1	I		**Removed** plastic and increased metal from 1 to 5 kg and removed aluminum. PPR 9
	1397	Aluminium phosphide	4.3	6.1	I		**Removed** plastic and increased metal from 1 to 5 kg and removed aluminum. PPR 9
	1402	Calcium carbide	4.3		I		**Removed** plastic and increased metal from 2.5 to 5 kg. PPR 9
	1404	Calcium hydride	4.3		I		**Removed** plastic and increased metal from 1 to 5 kg and removed aluminum.
	1407	Caesium	4.3		I		**Increased** metal from 1 to 5 kg. PPR 5,9,22
	1409	Metal hydrides, water-reactive, n.o.s. *	4.3		I		**Removed** plastic and increased metal from 1 to 5 kg and removed aluminum.
	1410	Lithium aluminium hydride	4.3		I		**Increased** glass from .5 to 1 kg, removed plastic, increased metal from 1 to 5 kg and removed aluminum.
	1413	Lithium borohydride	4.3		I		**Removed** plastic and increased metal from 1 to 5 kg and removed aluminum. PPR 9

	1414	Lithium hydride	4.3		I		**Removed** plastic and increased metal from 1 to 5 kg and removed aluminum. PPR 9
	1415	Lithium	4.3		I		**Increased** metal from 1 to 5 kg. PPR 5,10,22
	1419	Magnesium aluminium phosphide	4.3	6.1	I		**Increased** glass from .5 to 1 kg, removed plastic, increased metal from 1 to 5 kg.
	1423	Rubidium	4.3		I		**Increased** glass from .5 to 1 kg and metal from 1 to 5 kg. PPR 5,9,10,22
	1426	Sodium borohydride	4.3		I		**Increased** glass from .5 to 1 kg, removed plastic, increased metal from 1 to 5 kg and removed aluminum.
	1427	Sodium hydride	4.3		I		**Increased** glass from .5 to 1 kg, removed plastic, increased metal from 1 to 5 kg and removed aluminum.
	1428	Sodium	4.3		I		**Increased** metal from 1 to 5 kg. PPR 5,9,22
	1432	Sodium phosphide	4.3	6.1	I		**Increased** glass from .5 to 1 kg, removed plastic, increased metal from 1 to 5 kg and removed aluminum.
	1433	Stannic phosphides	4.3	6.1	I		**Increased** glass from .5 to 1 kg, removed plastic, increased metal from 1 to 5 kg and removed aluminum.
	1714	Zinc phosphide	4.3	6.1	I		**Increased** glass from .5 to 1 kg, removed plastic, increased metal from 1 to 5 kg and removed aluminum.
	1870	Potassium borohydride	4.3		I		**Increased** glass from .5 to 1 kg, removed plastic, increased metal from 1 to 5 kg and removed aluminum.
	2010	Magnesium hydride	4.3		I		**Increased** glass from .5 to 1 kg, removed plastic, increased metal from 1 to 5 kg and removed aluminum.
	2011	Magnesium phosphide	4.3	6.1	I		**Increased** glass from .5 to 1 kg, removed plastic, increased metal from 1 to 5 kg and removed aluminum.
	2012	Potassium phosphide	4.3	6.1	I		**Increased** glass from .5 to 1 kg, removed plastic, increased metal from 1 to 5 kg and removed aluminum.
	2013	Strontium phosphide	4.3	6.1	I		**Increased** glass from .5 to 1 kg, removed plastic, increased metal from 1 to 5 kg and removed aluminum.
	2257	Potassium	4.3		I		**Increased** metal from 1 to 5 kg. PPR 5,9,22
	2463	Aluminium hydride	4.3		I		**Increased** glass from .5 to 1 kg, removed plastic, increased metal from 1 to 5 kg and removed aluminum.

	3208	Metallic substance, water-reactive, n.o.s. *	4.3		I		**Increased** metal from 1 to 5 kg. PPR 5,9,22
	3209	Metallic substance, water-reactive, self-heating, n.o.s. *	4.3	4.2	I		**Increased** metal from 1 to 5 kg. PPR 5,9,22
	3401	Alkali metal amalgam, solid	4.3		I		**Increased** metal from 1 to 5 kg. PPR 5,9,22
	3402	Alkaline earth metal amalgam, solid	4.3		I		**Removed** plastic and increased metal from 2.5 to 5 kg. PPR 9
	3403	Potassium metal alloys, solid	4.3		I		**Increased** metal from 1 to 5 kg. PPR 5,9,22
	3404	Potassium sodium alloys, solid	4.3		I		**Increased** metal from 1 to 5 kg. PPR 5,9,22
416	**CAO**						
	1378	Metal catalyst, wetted with a visible excess of liquid †	4.2		II		**Added** aluminum
	2881	Metal catalyst, dry	4.2		II		**Added** aluminum
417	**CAO**						
Add metal PPR?							
	1326	Hafnium powder, wetted with not less than 25% water (a visible excess of water must be present) (a) mechanically produced: particle size less than 53 microns; (b) chemically produced: particle size less than 840 microns	4.1		II		**Added** aluminum
	1339	Phosphorus heptasulphide free from yellow and white phosphorus	4.1		II		**Increased** glass from .5 to 2.5 kg, added aluminum and plastic bags.
	1340	Phosphorus pentasulphide free from yellow and white phosphorus	4.3	4.1	II		**Increased** glass from .5 to 2.5 kg, added aluminum and plastic bags.
	1341	Phosphorus sesquisulphide free from yellow and white phosphorus	4.1		II		**Increased** glass from .5 to 2.5 kg, added aluminum and plastic bags.
	1343	Phosphorus trisulphide free from yellow and white phosphorus	4.1		II		**Increased** glass from .5 to 2.5 kg, added aluminum and plastic bags.
	1352	Titanium powder, wetted	4.1		II		**Added** aluminum
	1358	Zirconium powder, wetted	4.1		II		**Added** aluminum
	1369	p-Nitrosodimethylaniline	4.2		II		**Added** aluminum
	1382	Potassium sulphide with less than 30% water of crystallization †	4.2		II		**Added** aluminum
	1382	Potassium sulphide, anhydrous †	4.2		II		**Added** aluminum
	1384	Sodium dithionite	4.2		II		**Increased** glass from 1 to 2.5 kg and plastic from 2.5 to 5 kg, and added plastic bags.

	1384	Sodium hydrosulphite	4.2		II		**Increased** glass from 1 to 2.5 kg and plastic from 2.5 to 5 kg, and added plastic bags.
	1385	Sodium sulphide with less than 30% water of crystallization †	4.2		II		**Added** aluminum and plastic bags.
	1385	Sodium sulphide, anhydrous †	4.2		II		**Added** aluminum
	1390	Alkali metal amides	4.3		II		**Increased** plastic from 2.5 to 5 kg and metal from 2.5 to 5 kg, added plastic bags. PPR 2,5,9.
	1394	Aluminium carbide	4.3		II		**Increased** plastic from 2.5 to 5 kg and added aluminum and plastic bags.
	1402	Calcium carbide	4.3		II		**Increased** plastic from 2.5 to 5 kg and added aluminum and plastic bags. PPR 9
	1409	Metal hydrides, water-reactive, n.o.s. *	4.3		II		**Added** aluminum
	1417	Lithium silicon †	4.3		II		**Increased** glass and plastic from 1 to 2.5 kg, added plastic bags. PPR 9
	1431	Sodium methylate	4.2	8	II		**Increased** plastic from 2.5 to 5 kg and metal from 2.5 to 5 kg, added aluminum and plastic bags. PPR 5 .
	1437	Zirconium hydride	4.1		II		+
	1868	Decaborane	4.1	6.1	II		**Increased** plastic from 2.5 to 5 kg, increased aluminum from 2.5 to 5 kg and added plastic bags.
	1871	Titanium hydride	4.1		II		**Increased** glass from 1 to 2.5 kg, added aluminum and plastic bags
	1923	Calcium dithionite	4.2		II		**Increased** glass from 1 to 2.5 kg and plastic from 2.5 to 5 kg, and added plastic bags.
	1923	Calcium hydrosulphite	4.2		II		**Increased** glass from 1 to 2.5 kg and plastic from 2.5 to 5 kg, and added plastic bags.
	1929	Potassium dithionite	4.2		II		**Increased** glass from 1 to 2.5 kg and plastic from 2.5 to 5 kg, and added plastic bags.
	1929	Potassium hydrosulphite	4.2		II		**Increased** glass from 1 to 2.5 kg and plastic from 2.5 to 5 kg, and added plastic bags.
	2004	Magnesium diamide	4.2		II		**Increased** glass from 1 to 2.5 kg and plastic from 2.5 to 5 kg, and added plastic bags. PPR 9
	2008	Zirconium powder, dry	4.2		II		**Increased** glass from 1 to 2.5 kg and plastic from 2.5 to 5 kg, and added aluminum and plastic bags.
	2318	Sodium hydrosulphide with less than 25% water of crystallization	4.2		II		**Increased** plastic from 2.5 to 5 kg and metal from 2.5 to 5 kg, added plastic bags. PPR 5
	2545	Hafnium powder, dry	4.2		II		**Increased** glass from 1 to 2.5 kg and plastic from 2.5 to 5 kg, and added aluminum and plastic bags.

	2546	Titanium powder, dry	4.2		II		**Increased** glass from 1 to 2.5 kg and plastic from 2.5 to 5 kg, and added aluminum and plastic bags.
	2624	Magnesium silicide	4.3		II		**Increased** glass and plastic from 1 to 2.5 kg, added plastic bags. PPR 9
	2805	Lithium hydride, fused solid	4.3		II		**Increased** plastic from 2.5 to 5 kg and metal from 2.5 to 5 kg, added plastic bags. PPR 2,5,9.
	2835	Sodium aluminium hydride	4.3		II		**Added** plastic bags.
	3182	Metal hydrides, flammable, n.o.s. *	4.1		II		**Increased** glass and plastic from 1 to 2.5 kg, added aluminum and plastic bags. PPR 9
	3205	Alkaline earth metal alcoholates, n.o.s. *	4.2		II		**Increased** plastic from 2.5 to 5 kg and metal from 2.5 to 5 kg, added aluminum and plastic bags. PPR 5 .
	3206	Alkali metal alcoholates, self-heating, corrosive, n.o.s. *	4.2	8	II		**Increased** plastic from 2.5 to 5 kg and metal from 2.5 to 5 kg, added aluminum and plastic bags. PPR 5 .
	3208	Metallic substance, water-reactive, n.o.s. *	4.3		II		**Added** plastic increased metal from 2.5 to 5, added aluminum and plastic bags. PPR 5,22
	3209	Metallic substance, water-reactive, self-heating, n.o.s. *	4.3	4.2	II		**Added** plastic increased metal from 2.5 to 5, added aluminum and plastic bags. PPR 5,22
420	**CAO**						
	2008	Zirconium powder, dry	4.2		III		**Increased** glass from 1 to 5 kg and plastic from 5 to 10 kg and metal from 5 to 10 kg, added plastic bags.
	2545	Hafnium powder, dry	4.2		III		**Increased** glass from 1 to 5 kg and plastic from 5 to 10 kg and metal from 5 to 10 kg, added plastic bags and aluminum.
	2546	Titanium powder, dry	4.2		III		**Increased** glass from 1 to 5 kg and plastic from 5 to 10 kg and metal from 5 to 10 kg, added plastic bags and aluminum.
416A from 412	**CAO**						
	1320	Dinitrophenol, wetted with 15% or more water, by weight	4.1	6.1	I		**Reduced** glass and plastic from 1 to .5 kg, added metal .5. PPR 9
	1321	Dinitrophenolates, wetted with 15% or more water, by weight	4.1	6.1	I		**Reduced** glass and plastic from 1 to .5 kg, added metal .5. PPR 9
	1322	Dinitroresorcinol, wetted with 15% or more water, by weight	4.1		I		**Reduced** glass and plastic from 1 to .5 kg, added metal .5. PPR 9
	1336	Nitroguanidine, wetted with 20% or more water, by weight	4.1		I		**Reduced** glass and plastic from 2.5 to .5 kg, added metal .5. PPR 9

	1336	Picrite, wetted with 20% or more water, by weight	4.1		I		**Reduced** glass and plastic from 2.5 to .5 kg, added metal .5. PPR 9
	1337	Nitrostarch, wetted with 20% or more water, by weight	4.1		I		**Reduced** glass and plastic from 1 to .5 kg, added metal .5. PPR 9
	1344	Trinitrophenol, wetted with 30% or more water, by weight	4.1		I		**Reduced** glass and plastic from 2.5 to .5 kg, added metal .5. PPR 9
	1348	Sodium dinitro-o-cresolate, wetted with 15% or more water, by weight	4.1	6.1	I		**Reduced** glass and plastic from 1 to .5 kg, added metal .5. PPR 9
	1357	Urea nitrate, wetted with 20% or more water, by weight	4.1		I		**Reduced** glass and plastic from 2.5 to .5 kg, added metal .5. PPR 9
	1517	Zirconium picramate, wetted with 20% or more water, by weight	4.1		I		**Reduced** glass and plastic from 1 to .5 kg, added metal .5. PPR 9
	3317	2-Amino-4,6-dinitrophenol, wetted with 20% or more water by mass	4.1		I		**Reduced** glass and plastic from 1 to .5 kg, added metal .5. PPR 9
From 416							
	1310	Ammonium picrate, wetted with not less than 10% water, by weight	4.1		I		**Added** plastic, metal and plastic bags.
	1320	Dinitrophenol, wetted with 15% or more water, by weight	4.1	6.1	I		**Added** metal and plastic bags. PPR 9
	1321	Dinitrophenolates, wetted with 15% or more water, by weight	4.1	6.1	I		**Added** metal and plastic bags. PPR 9
	1322	Dinitroresorcinol, wetted with 15% or more water, by weight	4.1		I		**Added** metal and plastic bags. PPR 9
	1336	Nitroguanidine, wetted with 20% or more water, by weight	4.1		I		**Added** metal and plastic bags. PPR 9
	1336	Picrite, wetted with 20% or more water, by weight	4.1		I		**Added** metal and plastic bags. PPR 9
	1337	Nitrostarch, wetted with 20% or more water, by weight	4.1		I		**Added** metal and plastic bags. PPR 9
	1344	Trinitrophenol, wetted with 30% or more water, by weight	4.1		I		**Added** metal and plastic bags. PPR 9
	1348	Sodium dinitro-o-cresolate, wetted with 15% or more water, by weight	4.1	6.1	I		**Added** metal and plastic bags. PPR 9
	1354	Trinitrobenzene, wetted with 30% or more water, by weight	4.1		I		**Added** metal and plastic bags. PPR 9
	1355	Trinitrobenzoic acid, wetted with 30% or more water, by weight	4.1		I		**Added** metal and plastic bags. PPR 9
	1356	Trinitrotoluene, wetted with 30% or more water, by weight	4.1		I		**Added** metal and plastic bags. PPR 9

	1357	Urea nitrate, wetted with 20% or more water, by weight	4.1		I		**Added** metal and plastic bags. PPR 9
	1517	Zirconium picramate, wetted with 20% or more water, by weight	4.1		I		**Added** metal and plastic bags. PPR 9
	3317	2-Amino-4,6-dinitrophenol, wetted with 20% or more water by mass	4.1		I		**Added** metal and plastic bags. PPR 9
	3364	Picric acid, wetted with 10% or more water, by weight	4.1		I		**Added** metal and plastic bags. PPR 9
	3364	Trinitrophenol, wetted with 10% or more water but less than 30% water, by weight	4.1		I		**Added** metal and plastic bags. PPR 9
	3365	Picryl chloride, wetted with 10% or more water, by weight	4.1		I		**Added** metal and plastic bags. PPR 9
	3365	Trinitrochlorobenzene, wetted with 10% or more water, by weight	4.1		I		**Added** metal and plastic bags. PPR 9
	3366	TNT, wetted with more than 10% but less than 30% water, by weight	4.1		I		**Added** metal and plastic bags. PPR 9
	3366	Trinitrotoluene, wetted with more than 10% but less than 30% water, by weight	4.1		I		**Added** metal and plastic bags. PPR 9
	3367	Trinitrobenzene, wetted with 10% or more water but less than 30% water, by weight	4.1		I		**Added** metal and plastic bags. PPR 9
	3368	Trinitrobenzoic acid, wetted with 10% or more water but less than 30% water, by weight	4.1		I		**Added** metal and plastic bags. PPR 9
	3369	Sodium dinitro-o-cresolate, wetted with more than 10% but less than 15% water, by weight	4.1		I		**Added** metal and plastic bags. PPR 9
	3370	Urea nitrate, wetted with > 10% but < 20% water, by weight	4.1		I		**Added** metal and plastic bags. PPR 9
420A	**CAO**						
	1313	Calcium resinate	4.1		III		**Increased** glass from 2.5 to 5 kg and plastic from 2.5 to 10.
	1314	Calcium resinate, fused	4.1		III		**Increased** glass from 2.5 to 5 kg and plastic from 2.5 to 10.
	1318	Cobalt resinate, precipitated	4.1		III		**Increased** glass from 2.5 to 5 kg and plastic from 2.5 to 10.
	1338	Phosphorus, amorphous	4.1		III		**Increased** glass from 1 to 5 kg, and plastic from 2.5 to 10 kg.

	1408	Ferrosilicon with 30% or more but less than 90% silicon	4.3	6.1	III		**Increased** glass from 2.5 to 5 kg and plastic from 2.5 to 10.
	2881	Metal catalyst, dry	4.2		III		**Increased** glass from 2.5 to 5 kg and added plastic, increased metal from 5 to 10 kg added aluminum. PPR 9.
	3182	Metal hydrides, flammable, n.o.s. *	4.1		III		**Increased** plastic from 5 to 10 kg and added aluminum.
	3205	Alkaline earth metal alcoholates, n.o.s. *	4.2		III		**Increased** plastic from 5 to 10 kg and added aluminum. PPR 5
	3206	Alkali metal alcoholates, self-heating, corrosive, n.o.s. *	4.2	8	III		**Increased** plastic from 5 to 10 kg and added aluminum. PPR 5
	3208	Metallic substance, water-reactive, n.o.s. *	4.3		III		**Added** plastic and aluminum. PPR 5,22
	3209	Metallic substance, water-reactive, self-heating, n.o.s. *	4.3	4.2	III		**Added** plastic and aluminum. PPR 5,22
4X5	**CAO**						
	2555	Nitrocellulose with water 25% or more water, by weight	4.1		II		**Reduced** plastic bags from 2.5 to 1 kg.
	2556	Nitrocellulose with alcohol 25% or more alcohol by dry weight and 12.6% or less nitrogen, by dry weight	4.1		II		**Reduced** plastic bags from 2.5 to 1 kg.
	2557	Nitrocellulose mixture with plasticizer with pigment with 12.6% or less nitrogen, by dry weight	4.1		II		**Reduced** plastic bags from 2.5 to 1 kg.
	2557	Nitrocellulose mixture with plasticizer without pigment with 12.6% or less nitrogen, by dry weight	4.1		II		**Reduced** plastic bags from 2.5 to 1 kg.
	2557	Nitrocellulose mixture without plasticizer with pigment with 12.6% or less nitrogen, by dry weight	4.1		II		**Reduced** plastic bags from 2.5 to 1 kg.

	2557	Nitrocellulose mixture without plasticizer, without pigment with 12.6% or less nitrogen, by dry weight	4.1		II		**Reduced** plastic bags from 2.5 to 1 kg.

OXIDIZERS & ORGANIC PEROXIDES							
500	**Pax**						
	3103	Organic peroxide, liquid	5.2			Pax	This instruction applies to liquids of Division 5.2 on passenger and cargo aircraft. **Unless otherwise provided in these Instructions, the packagings used for self-reactive substances of Division 4.1 must meet Packing Group II requirements. Needs to be added.**
	3105						
	3107						
	3109						
501 to 503	**Pax**						
Should 503 have PPR for metal packaging	2014	Hydrogen peroxide, aqueous solution	5.1	8	II	Pax	**Increased** glass and plastic from .5 to 1 L. Added metal as an allowable inner container. Had PPRs 2,13.
	2429	Calcium chlorate, aqueous solution	5.1		II		**Increased** glass and plastic from .5 to 1 L. Added metal as an allowable inner container.
	3098	Oxidizing liquid, corrosive, n.o.s. ★	5.1	8	II		**Increased** glass, plastic and metal from .5 to 1L and added aluminum. PPRs 2,13
	3099	Oxidizing liquid, toxic, n.o.s. ★	5.1	6.1	II		**Added** aluminum. PPR 2, 13
	3139	Oxidizing liquid, n.o.s. ★	5.1		II		**Increased** glass, plastic, and metal from **.1** to **1 L** and added aluminum. PPR 2. 13
	3149	Hydrogen peroxide and peroxyacetic acid mixture stabilized	5.1	8	II		**Added** aluminum. PPR 2, 13
	3210	Chlorates, inorganic, aqueous solution, n.o.s.	5.1		II		**Increased** glass and plastic from .5 to 1 L and added metal inner containers.
	3211	Perchlorates, inorganic, aqueous solution,	5.1		II		**Increased** glass and plastic from .5 to 1 L and added metal inner containers.
	3405	Barium chlorate solution	5.1	6.1	II		**Added** aluminum. PPR 2, 13
	3406	Barium perchlorate solution	5.1	6.1	II		**Added** aluminum. PPR 2, 13
	3407	Chlorate and magnesium chloride mixture solution	5.1		II		**Added** aluminum. PPR 2, 13
	3408	Lead perchlorate solution	5.1	6.1	II		**Added** aluminum. PPR 2, 13
509 to 508	**PAX**						

UN1479 says it was in 508 and went to 508 but is in 509.	1442	Ammonium perchlorate	5.1		II		**Increased** glass, plastic, metal, plastic bag from .5 to 1 kg and added fibre PPR 4
	1445	Barium chlorate, solid	5.1	6.1	II		**Increased** glass, plastic, metal, plastic bag from .5 to 1 kg and added fibre PPR 4
	1449	Barium peroxide	5.1	6.1	II		**Increased** glass, plastic, metal, plastic bag from .5 to 1 kg and added fibre PPR 4
	1452	Calcium chlorate	5.1		II		**Increased** glass, plastic, metal, plastic bag from .5 to 1 kg and added fibre PPR 4
	1453	Calcium chlorite	5.1		II		**Increased** glass, plastic, metal, plastic bag from .5 to 1 kg and added fibre PPR 4
	1458	Chlorate and borate mixture	5.1		II		**Increased** glass, plastic, metal, plastic bag from .5 to 1 kg and added fibre PPR 4
	1459	Chlorate and magnesium chloride mixture, solid	5.1		II		**Increased** glass, plastic, metal, plastic bag from .5 to 1 kg and added fibre PPR 4
	1461	Chlorates, inorganic, n.o.s.	5.1		II		**Increased** glass, plastic, metal, plastic bag from .5 to 1 kg and added fibre PPR 4
	1462	Chlorites, inorganic, n.o.s.	5.1		II		**Increased** glass, plastic, metal, plastic bag from .5 to 1 kg and added fibre and plastic bags. PPR 5
	1471	Lithium hypochlorite mixture	5.1		II		**Increased** glass, plastic, metal, plastic bag from .5 to 1 kg and added fibre PPR 4
	1471	Lithium hypochlorite, dry	5.1		II		**Increased** glass, plastic, metal, plastic bag from .5 to 1 kg and added fibre PPR 4
	1472	Lithium peroxide	5.1		II		**Increased** glass, plastic, metal, plastic bag from .5 to 1 kg and added fibre PPR 4
	1483	Peroxides, inorganic, n.o.s.	5.1		II		**Increased** glass, plastic, metal, plastic bag from .5 to 1 kg and added fibre and plastic bags. PPR 5
	1485	Potassium chlorate	5.1		II		**Increased** glass, plastic, metal, plastic bag from .5 to 1 kg and added fibre PPR 4
	1495	Sodium chlorate	5.1		II		**Increased** glass, plastic, metal, plastic bag from .5 to 1 kg and added fibre PPR 4
	1496	Sodium chlorite	5.1		II		**Increased** glass, plastic, metal, plastic bag from .5 to 1 kg and added fibre PPR 4
	1506	Strontium chlorate	5.1		II		**Increased** glass, plastic, metal, plastic bag from .5 to 1 kg and added fibre PPR 4
	1513	Zinc chlorate	5.1		II		**Increased** glass, plastic, metal, plastic bag from .5 to 1 kg and added fibre PPR 4

	1748	Calcium hypochlorite mixture, dry with > 39% available chlorine (8.8% available oxygen)	5.1		II		**Increased** glass, plastic, metal, plastic bag from .5 to 1 kg and added fibre PPR 4
	1748	Calcium hypochlorite, dry	5.1		II		**Increased** glass, plastic, metal, plastic bag from .5 to 1 kg and added fibre PPR 4, 5
	2741	Barium hypochlorite with more than 22% available chlorine	5.1	6.1	II		**Increased** glass, plastic, metal, plastic bag from .5 to 1 kg and added fibre PPR 4, 5
	3212	Hypochlorites, inorganic, n.o.s.	5.1		II		**Increased** glass, plastic, metal, plastic bag from .5 to 1 kg and added fibre PPR 4, 5
509	**PAX**						
	1479	Oxidizing solid, n.o.s. *	5.1		I		**Added** plastic bags.
514	**Pax**						
	2429	Calcium chlorate, aqueous solution	5.1		III		**Increased** glass, plastic from 1 to 2.5L, added metal.
	3210	Chlorates, inorganic, aqueous solution, n.o.s.	5.1		III		**Increased** glass, plastic from 1 to 2.5L, added metal.
	3211	Perchlorates, inorganic, aqueous solution, n.o.s.	5.1		III		**Increased** glass, plastic from 1 to 2.5L, added metal.
516	**Pax**						
UN1748 is not in 517							
	1458	Chlorate and borate mixture	5.1		III		**Increased** glass, plastic, metal and plastic bag from 1 to 2.5 kg and added fibre. PPR 4
	1459	Chlorate and magnesium chloride mixture, solid	5.1		III		**Increased** glass, plastic, metal and plastic bag from 1 to 2.5 kg and added fibre. PPR 4
	1483	Peroxides, inorganic, n.o.s.	5.1		III		**Increased** glass, plastic, metal from 1 to 2.5 kg and added plastic bags and fibre. PPR 5
	1511	Urea hydrogen peroxide	5.1	8	III		**Increased** glass, plastic, metal, plastic bag, and fibre from .5 to 2.5 kg. PPR 5
	1748	Calcium hypochlorite mixture, dry with > 39% available chlorine (8.8% available oxygen)	5.1		III		NOT IN 517
	1748	Calcium hypochlorite, dry	5.1		III		
501	**CAO**						
	3098	Oxidizing liquid, corrosive, n.o.s. *	5.1	8	II		**Increased** glass, plastic, and metal form .5 to 1 L and added alum. PPR 2, 13
	3099	Oxidizing liquid, toxic, n.o.s. *	5.1	6.1	II		Added alum. PPR 2, 13

	3139	Oxidizing liquid, n.o.s. *	5.1		II		**Increased** glass, plastic, and metal form .1 to 1 L and added alum. PPR 2, 13
506	**CAO**						
	2014	Hydrogen peroxide, aqueous solution with 20% or more but 40% or less hydrogen peroxide (stabilized as necessary)	5.1	8	II		**Increased** glass, plastic and aluminum from 1 to 2.5 L. PPR 2,13
	2429	Calcium chlorate, aqueous solution	5.1		II		**Increased** glass, plastic from 1 to 2.5 L and added aluminum.
	3098	Oxidizing liquid, corrosive, n.o.s. *	5.1	8	II		**Increased** glass, plastic from 1 to 2.5 L and added aluminum. PPR 2, 13
	3099	Oxidizing liquid, toxic, n.o.s. *	5.1	6.1	II		**Increased** glass, plastic from 1 to 2.5 L and added aluminum.PPR 2, 13
	3149	Hydrogen peroxide and peroxyacetic acid mixture stabilized with acid(s), water and not more than 5% peroxyacetic acid	5.1	8	II		**Increased** glass, plastic from 1 to 2.5 L and added aluminum. PPR 2, 13
	3210	Chlorates, inorganic, aqueous solution, n.o.s.	5.1		II		**Increased** glass, plastic from 1 to 2.5 L and added aluminum.
	3211	Perchlorates, inorganic, aqueous solution, n.o.s.	5.1		II		**Increased** glass, plastic from 1 to 2.5 L and added aluminum.
	3405	Barium chlorate solution	5.1	6.1	II		**Increased** glass, plastic from 1 to 2.5 L and added aluminum. PPR 2, 13
	3406	Barium perchlorate solution	5.1	6.1	II		**Increased** glass, plastic from 1 to 2.5 L and added aluminum. PPR 2, 13
	3407	Chlorate and magnesium chloride mixture solution	5.1		II		**Increased** glass, plastic from 1 to 2.5 L and added aluminum. PPR 2, 13
	3408	Lead perchlorate solution	5.1	6.1	II		**Increased** glass, plastic from 1 to 2.5 L and added aluminum. PPR 2, 13
511	**CAO**						
UN1479 says it was in 511 and went to 511 but is in 512.	1442	Ammonium perchlorate	5.1		II		**Increased** metal from 2.5 to 5 kg, increased plastic bag from 1 to 2.5 kg, added paper bags and fibre. PPR 4

	1445	Barium chlorate, solid	5.1	6.1	II		**Increased** metal from 2.5 to 5 kg, increased plastic bag from 1 to 2.5 kg, added paper bags and fibre. PPR 4
	1449	Barium peroxide	5.1	6.1	II		**Increased** glass, plastic from 1 to 2.5 kg and metal from 1 to 5 kg, increased plastic bag from 1 to 2.5 kg, added paper bags and fibre. PPR 4
	1452	Calcium chlorate	5.1		II		**Increased** metal from 2.5 to 5 kg, increased plastic bag from 1 to 2.5 kg, added paper bags and fibre. PPR 4
	1453	Calcium chlorite	5.1		II		**Increased** metal from 2.5 to 5 kg, increased plastic bag from 1 to 2.5 kg, added paper bags and fibre. PPR 4
	1458	Chlorate and borate mixture	5.1		II		**Increased** metal from 2.5 to 5 kg, increased plastic bag from 1 to 2.5 kg, added paper bags and fibre. PPR 4
	1459	Chlorate and magnesium chloride mixture, solid	5.1		II		**Increased** metal from 2.5 to 5 kg, increased plastic bag from 1 to 2.5 kg, added paper bags and fibre. PPR 4
	1461	Chlorates, inorganic, n.o.s.	5.1		II		**Increased** metal from 2.5 to 5 kg, increased plastic bag from 1 to 2.5 kg, added paper bags and fibre. PPR 4
	1462	Chlorites, inorganic, n.o.s.	5.1		II		**Increased** glass, plastic from 1 to 2.5 kg and metal from 1 to 5 kg, added paper and plastic bags and fibre. PPR 5
	1471	Lithium hypochlorite mixture	5.1		II		**Increased** metal from 1 to 5 kg, increased plastic bag from 1 to 2.5 kg, added paper bags and fibre. PPR 4
	1471	Lithium hypochlorite, dry	5.1		II		**Increased** metal from 1 to 5 kg, increased plastic bag from 1 to 2.5 kg, added paper bags and fibre. PPR 4
	1472	Lithium peroxide	5.1		II		**Increased** metal from 2.5 to 5 kg, increased plastic bag from 1 to 2.5 kg, added paper bags and fibre. PPR 4
	1483	Peroxides, inorganic, n.o.s.	5.1		II		**Increased** metal from 2.5 to 5 kg, addeed plastic bag paper bags and fibre. PPR 5
	1485	Potassium chlorate	5.1		II		**Increased** metal from 2.5 to 5 kg, increased plastic bag from 1 to 2.5 kg, added paper bags and fibre. PPR 4
	1495	Sodium chlorate	5.1		II		**Increased** metal from 2.5 to 5 kg, increased plastic bag from 1 to 2.5 kg, added paper bags and fibre. PPR 4

	1496	Sodium chlorite	5.1		II		**Increased** metal from 2.5 to 5 kg, increased plastic bag from 1 to 2.5 kg, added paper bags and fibre. PPR 4
	1506	Strontium chlorate	5.1		II		**Increased** metal from 2.5 to 5 kg, increased plastic bag from 1 to 2.5 kg, added paper bags and fibre. PPR 4
	1513	Zinc chlorate	5.1		II		**Increased** metal from 2.5 to 5 kg, increased plastic bag from 1 to 2.5 kg, added paper bags and fibre. PPR 4
	1748	Calcium hypochlorite mixture, dry with > 39% available chlorine (8.8% available oxygen)	5.1		II		**Increased** metal from 2.5 to 5 kg, increased plastic bag from 1 to 2.5 kg, added paper bags and fibre. PPR 4,5
	1748	Calcium hypochlorite, dry	5.1		II		**Increased** metal from 2.5 to 5 kg, increased plastic bag from 1 to 2.5 kg, added paper bags and fibre. PPR 4
	2741	Barium hypochlorite with more than 22% available chlorine	5.1	6.1	II		**Increased** metal from 2.5 to 5 kg, increased plastic bag from 1 to 2.5 kg, added paper bags and fibre. PPR 4,5
	3212	Hypochlorites, inorganic, n.o.s.	5.1		II		**Increased** metal from 2.5 to 5 kg, increased plastic bag from 1 to 2.5 kg, added paper bags and fibre. PPR 4,5
	3378	Sodium carbonate peroxyhydrate	5.1		II		**Increased** metal from 2.5 to 5 kg, increased plastic bag from 1 to 2.5 kg, added paper bags and fibre. PPR 4,5
512	**CAO**						
	1479	Oxidizing solid, n.o.s. *	5.1		I		**Reduced** glass, plastic from 2.5 to 1 kg and metal from 5 to 1 kg.
	3085	Oxidizing solid, corrosive, n.o.s. *	5.1	8	I		**Reduced** glass, plastic from 2.5 to 1 kg and metal from 5 to 1 kg deleted paper, plastic bag, fibre.
	3087	Oxidizing solid, toxic, n.o.s. *	5.1	6.1	I		**Reduced** glass, plastic from 2.5 to 1 kg and metal from 5 to 1 kg deleted paper, plastic bag, fibre.
515	**CAO**						
	2429	Calcium chlorate, aqueous solution	5.1		III		**Added** metal 5 L
	3210	Chlorates, inorganic, aqueous solution, n.o.s.	5.1		III		**Added** metal 5 L
	3211	Perchlorates, inorganic, aqueous solution, n.o.s.	5.1		III		**Added** metal 5 L
518	**CAO**						

UN1748 is not in 519							
	1458	Chlorate and borate mixture	5.1		III		**Added** paper bag and fibre at 5 kg. PPR 4
	1459	Chlorate and magnesium chloride mixture, solid	5.1		III		**Added** paper bag and fibre at 5 kg. PPR 4
	1483	Peroxides, inorganic, n.o.s.	5.1		III		**Added** paper bag, plastic bag and fibre at 5 kg. PPR 5
	1511	Urea hydrogen peroxide	5.1	8	III		**Increased** glass, plastic, metal, plastic bag and fibre from 1 to 5 kg and added paper bags. PPR 5
	1748	Calcium hypochlorite mixture, dry with > 39% available chlorine (8.8% available oxygen)	5.1		III		Not in 519
	1748	Calcium hypochlorite, dry	5.1		III		Not in 519
	2208	Calcium hypochlorite mixture, dry with > 10% but ≤39% available chlorine	5.1		III		**Added** paper bag.

TOXIC AND INFECTIOUS SUBSTANCE						
610 TO 603	**PAX**					
	1935	Cyanide solution, n.o.s.	6.1		I	**Added** aluminum.
	2024	Mercury compound, liquid, n.o.s.	6.1		I	**Added** aluminum.
	2788	Organotin compound, liquid, n.o.s. *	6.1		I	**Increased** metal from .5 to 1 L and **added** aluminum. PPR 13
605	**PAX**					
	1593	Dichloromethane	6.1		III	PPR 3
	1710	Trichloroethylene	6.1		III	PPR 3
	1897	Tetrachloroethylene	6.1		III	PPR 3
	2831	1,1,1-Trichloroethane	6.1		III	PPR 3
609 to 605	**PAX**					
	1851	Medicine, liquid, toxic, n.o.s.	6.1		III	**Increased** glass and plastic from 1 to 2.5 L and metal from 2.5 to 5 L also allows single pacakaging when 609 did not.
612 to 605	**PAX**					
	1935	Cyanide solution, n.o.s.	6.1		III	**Added** aluminum.
	2024	Mercury compound, liquid, n.o.s.	6.1		III	**Added** aluminum.
606 to 606	**PAX**					
	1544	Alkaloid salts, solid, n.o.s. *	6.1		I	**Removed** plastic bags and paper,plastic/aluminum and fibre inner pkg.
	1544	Alkaloids, solid, n.o.s. *	6.1		I	**Removed** plastic bags and paper,plastic/aluminum and fibre inner pkg.
	1557	Arsenic compound, solid, n.o.s. inorganic, including: Arsenates, n.o.s.; Arsenites, n.o.s.; and Arsenic sulphides, n.o.s.	6.1		I	**Removed** plastic bags and paper,plastic/aluminum and fibre inner pkg.
	1565	Barium cyanide	6.1		I	**Removed** plastic bags and paper,plastic/aluminum and fibre inner pkg.
	1570	Brucine	6.1		I	**Removed** plastic bags and paper,plastic/aluminum and fibre inner pkg.
	1575	Calcium cyanide	6.1		I	**Removed** plastic bags and paper,plastic/aluminum and fibre inner pkg.
	1588	Cyanides, inorganic, solid, n.o.s. *	6.1		I	**Removed** plastic bags and paper,plastic/aluminum and fibre inner pkg.

	1601	Disinfectant, solid, toxic, n.o.s. *	6.1		I	**Removed** plastic bags and paper,plastic/aluminum and fibre inner pkg.
	1626	Mercuric potassium cyanide	6.1		I	**Removed** plastic bags and paper,plastic/aluminum and fibre inner pkg.
	1655	Nicotine compound, solid, n.o.s.	6.1		I	**Removed** plastic bags and paper,plastic/aluminum and fibre inner pkg.
	1655	Nicotine preparation, solid, n.o.s.	6.1		I	**Removed** plastic bags and paper,plastic/aluminum and fibre inner pkg.
	1680	Potassium cyanide, solid	6.1		I	**Removed** plastic bags and paper,plastic/aluminum and fibre inner pkg.
	1689	Sodium cyanide, solid	6.1		I	**Removed** plastic bags and paper,plastic/aluminum and fibre inner pkg.
	1692	Strychnine	6.1		I	**Removed** plastic bags and paper,plastic/aluminum and fibre inner pkg.
	1692	Strychnine salts	6.1		I	**Removed** plastic bags and paper,plastic/aluminum and fibre inner pkg.
	1713	Zinc cyanide	6.1		I	**Removed** plastic bags and paper,plastic/aluminum and fibre inner pkg.
	2025	Mercury compound, solid, n.o.s.	6.1		I	**Removed** plastic bags and paper,plastic/aluminum and fibre inner pkg.
	2026	Phenylmercuric compound, n.o.s.	6.1		I	**Removed** plastic bags and paper,plastic/aluminum and fibre inner pkg.
	2316	Sodium cuprocyanide, solid	6.1		I	**Removed** plastic bags and paper,plastic/aluminum and fibre inner pkg.
	2570	Cadmium compound	6.1		I	**Removed** plastic bags and paper,plastic/aluminum and fibre inner pkg.
	2588	Pesticide, solid, toxic, n.o.s. *	6.1		I	**Removed** plastic bags and paper,plastic/aluminum and fibre inner pkg.
	2628	Potassium fluoroacetate	6.1		I	**Removed** plastic bags and paper,plastic/aluminum and fibre inner pkg.
	2629	Sodium fluoroacetate	6.1		I	**Removed** plastic bags and paper,plastic/aluminum and fibre inner pkg.
	2630	Selenates	6.1		I	**Removed** plastic bags and paper,plastic/aluminum and fibre inner pkg.
	2630	Selenites	6.1		I	**Removed** plastic bags and paper,plastic/aluminum and fibre inner pkg.
	2642	Fluoroacetic acid	6.1		I	**Removed** plastic bags and paper,plastic/aluminum and fibre inner pkg.
	2757	Carbamate pesticide, solid, toxic *	6.1		I	**Removed** plastic bags and paper,plastic/aluminum and fibre inner pkg.
	2759	Arsenical pesticide, solid, toxic *	6.1		I	**Removed** plastic bags and paper,plastic/aluminum and fibre inner pkg.

	2761	Organochlorine pesticide, solid, toxic *	6.1		I	**Removed** plastic bags and paper,plastic/aluminum and fibre inner pkg.
	2763	Triazine pesticide, solid, toxic *	6.1		I	**Removed** plastic bags and paper,plastic/aluminum and fibre inner pkg.
	2771	Thiocarbamate pesticide, solid, toxic *	6.1		I	**Removed** plastic bags and paper,plastic/aluminum and fibre inner pkg.
	2775	Copper based pesticide, solid, toxic *	6.1		I	**Removed** plastic bags and paper,plastic/aluminum and fibre inner pkg.
	2777	Mercury based pesticide, solid, toxic *	6.1		I	**Removed** plastic bags and paper,plastic/aluminum and fibre inner pkg.
	2779	Substituted nitrophenol pesticide, solid, toxic *	6.1		I	**Removed** plastic bags and paper,plastic/aluminum and fibre inner pkg.
	2781	Bipyridilium pesticide, solid, toxic *	6.1		I	**Removed** plastic bags and paper,plastic/aluminum and fibre inner pkg.
	2783	Organophosphorus pesticide, solid, toxic *	6.1		I	**Removed** plastic bags and paper,plastic/aluminum and fibre inner pkg.
	2786	Organotin pesticide, solid, toxic *	6.1		I	**Removed** plastic bags and paper,plastic/aluminum and fibre inner pkg.
	2811	Toxic solid, organic, n.o.s. *	6.1		I	**Removed** plastic bags and paper,plastic/aluminum and fibre inner pkg.
	2928	Toxic solid, corrosive, organic, n.o.s. *	6.1	8	I	**Removed** plastic bags and paper,plastic/aluminum and fibre inner pkg.
	2930	Toxic solid, flammable, organic, n.o.s. *	6.1	4.1	I	**Removed** plastic bags and paper,plastic/aluminum and fibre inner pkg.
	3027	Coumarin derivative pesticide, solid, toxic *	6.1		I	**Removed** plastic bags and paper,plastic/aluminum and fibre inner pkg.
	3086	Toxic solid, oxidizing, n.o.s. *	6.1	5.1	I	**Removed** plastic bags and paper,plastic/aluminum and fibre inner pkg.
	3124	Toxic solid, self-heating, n.o.s. *	6.1	4.2	I	**Removed** plastic bags and paper,plastic/aluminum and fibre inner pkg.
	3125	Toxic solid, water-reactive, n.o.s. *	6.1	4.3	I	**Removed** plastic bags and paper,plastic/aluminum and fibre inner pkg.
	3143	Dye intermediate, solid, toxic, n.o.s. * †	6.1		I	**Removed** plastic bags and paper,plastic/aluminum and fibre inner pkg.
	3143	Dye, solid, toxic, n.o.s. * †	6.1		I	**Removed** plastic bags and paper,plastic/aluminum and fibre inner pkg.
	3283	Selenium compound, solid, n.o.s.	6.1		I	**Removed** plastic bags and paper,plastic/aluminum and fibre inner pkg.
	3284	Tellurium compound, n.o.s.	6.1		I	**Removed** plastic bags and paper,plastic/aluminum and fibre inner pkg.
	3285	Vanadium compound, n.o.s.	6.1		I	**Removed** plastic bags and paper,plastic/aluminum and fibre inner pkg.

	3288	Toxic solid, inorganic, n.o.s. *	6.1		I	**Removed** plastic bags and paper,plastic/aluminum and fibre inner pkg.
	3290	Toxic solid, corrosive, inorganic, n.o.s. *	6.1	8	I	**Removed** plastic bags and paper,plastic/aluminum and fibre inner pkg.
	3345	Phenoxyacetic acid derivative pesticide, solid, toxic *	6.1		I	**Removed** plastic bags and paper,plastic/aluminum and fibre inner pkg.
	3349	Pyrethroid pesticide, solid, toxic *	6.1		I	**Removed** plastic bags and paper,plastic/aluminum and fibre inner pkg.
	3439	Nitriles, toxic, solid, n.o.s. *	6.1		I	**Removed** plastic bags and paper,plastic/aluminum and fibre inner pkg.
	3462	Toxins, extracted from living sources, solid, n.o.s. *	6.1		I	**Removed** plastic bags and paper,plastic/aluminum and fibre inner pkg.
	3464	Organophosphorus compound, toxic, solid, n.o.s. *	6.1		I	**Removed** plastic bags and paper,plastic/aluminum and fibre inner pkg.
	3465	Organoarsenic compound, solid, n.o.s. *	6.1		I	**Removed** plastic bags and paper,plastic/aluminum and fibre inner pkg.
	3466	Metal carbonyls, solid, n.o.s. *	6.1		I	**Removed** plastic bags and paper,plastic/aluminum and fibre inner pkg.
	3467	Organometallic compound, toxic, solid, n.o.s. *	6.1		I	**Removed** plastic bags and paper,plastic/aluminum and fibre inner pkg.
608 to 606	**PAX**					
	2471	Osmium tetroxide	6.1		I	**Increased** plastic from .5 to 1 kg and added metal and aluminum. PPR 9
	3146	Organotin compound, solid, n.o.s. *	6.1		I	**Increased** plastic and metal from .5 to 1 and added aluminum. PPR 9
609 to 610	**PAX**					
	2022	Cresylic acid	6.1	8	II	**Reduced** metal and aluminum from 2.5 to 1 L.
	2076	Cresols, liquid	6.1	8	II	**Reduced** metal and aluminum from 2.5 to 1 L.
	2267	Dimethyl thiophosphoryl chloride	6.1	8	II	**Reduced** metal and aluminum from 2.5 to 1 L.
	2742	Chloroformates, toxic, corrosive, flammable, n.o.s.	6.1	3 8	II	**Reduced** metal and aluminum from 2.5 to 1 L.
	2744	Cyclobutyl chloroformate	6.1	3 8	II	**Reduced** metal and aluminum from 2.5 to 1 L.
	2745	Chloromethyl chloroformate	6.1	8	II	**Reduced** metal and aluminum from 2.5 to 1 L.
	2746	Phenyl chloroformate	6.1	8	II	**Reduced** metal and aluminum from 2.5 to 1 L.
	2748	2-Ethylhexyl chloroformate	6.1	8	II	**Reduced** metal and aluminum from 2.5 to 1 L.
	2927	Toxic liquid, corrosive, organic, n.o.s. *	6.1	8	II	**Reduced** metal and aluminum from 2.5 to 1 L.
	3073	Vinylpyridines, stabilized	6.1	3 8	II	**Reduced** metal and aluminum from 2.5 to 1 L.
	3122	Toxic liquid, oxidizing, n.o.s. *	6.1	5.1	II	**Reduced** metal and aluminum from 2.5 to 1 L.

	3123	Toxic liquid, water-reactive, n.o.s. *	6.1	4.3	II	**Reduced** metal and aluminum from 2.5 to 1 L.
	3277	Chloroformates, toxic, corrosive, n.o.s. *	6.1	8	II	**Reduced** metal and aluminum from 2.5 to 1 L.
	3289	Toxic liquid, corrosive, inorganic, n.o.s. *	6.1	8	II	**Reduced** metal and aluminum from 2.5 to 1 L.
	3361	Chlorosilanes, toxic, corrosive, n.o.s.	6.1	8	II	**Reduced** metal and aluminum from 2.5 to 1 L.
	3362	Chlorosilanes, toxic, corrosive, flammable, n.o.s.	6.1	3 8	II	**Reduced** metal and aluminum from 2.5 to 1 L.
610 to 610	**PAX**					
	1638	Mercury iodide solution	6.1		II	**Reduced** metal from 2.5 to 1 L **added** aluminum.
	1702	1,1,2,2-Tetrachloroethane	6.1		II	**Reduced** metal and aluminum from 2.5 to 1 L. PPR 3
	1737	Benzyl bromide	6.1	8	II	**Increased** glass and plastic and metal from .5 to 1 L and **added** aluminum. PPR 5
	1738	Benzyl chloride	6.1	8	II	**Increased** glass and plastic and metal from .5 to 1 L and **added** aluminum. PPR 5
	1750	Chloroacetic acid solution	6.1	8	II	**Added** aluminum. PPR 5,13
	1846	Carbon tetrachloride	6.1		II	**Reduced** metal and aluminum from 2.5 to 1 L. PPR 3
	1888	Chloroform	6.1		III	**Reduced** metal and aluminum from 2.5 to 1 L. PPR 3
	1916	2,2'-Dichlorodiethyl ether	6.1	3	II	**Increased** glass and plastic and **added** aluminum.
	2574	Tricresyl phosphate with more than 3% ortho isomer	6.1		II	**Increased** glass from .5 to 1 L and **added** plastic. PPR 13
	2788	Organotin compound, liquid, n.o.s. *	6.1		II	**Increased** glass and plastic and metal from .5 to 1 L and **added** aluminum. PPR 13
	3071	Mercaptan mixture, liquid, toxic, flammable, n.o.s. *	6.1	3	II	**Reduced** metal and aluminum from 2.5 to 1 L. PPR 2,13
	3071	Mercaptans, liquid, toxic, flammable, n.o.s. *	6.1	3	II	**Reduced** metal and aluminum from 2.5 to 1 L. PPR 2,13
614 to 613	**PAX**					
	1751	Chloroacetic acid, solid	6.1	8	II	**Added** aluminum, paper and plastic bags and fibre. PPR 5
	3146	Organotin compound, solid, n.o.s. *	6.1		II	**Increased** plastic from 1 to 2.5 kg and added aluminum, paper and plastic bags and fibre. PPR 9
613 to 619A	**PAX**					

	3249	Medicine, solid, toxic, n.o.s.	6.1		III	**Increased** glass from 1 to 5 kg and increased plastic and metal from 2.5 to 10 kg and paper and plastic bags and fibre and paper,plastic/aluminum from 1 to 5 kg. **Allows** single packaging.
616 to 619A	**PAX**					
	3458	Nitroanisoles, solid	6.1		III	**Added** paper and plastic bags and fibre and paper,plastic/aluminum.
605 to 604	**CAO**					
	1649	Motor fuel anti-knock mixture †	6.1		I	**Increased** glass from .5 to 1 L and metal from 1 to 2.5 L and **added** plastic and aluminum. PPR 8,13
	1694	Bromobenzyl cyanides, liquid	6.1		I	**Added** glass and plastic and aluminum. PPR 6,8
	1935	Cyanide solution, n.o.s.	6.1		I	**Added** aluminum.
	2024	Mercury compound, liquid, n.o.s.	6.1		I	**Added** aluminum.
	2788	Organotin compound, liquid, n.o.s. *	6.1		I	**Increased** glass and plastic from .5 to 1 L and **increased** metal from .5 to 2.5 L and **added** aluminum. PPR 13
607 to 607	**CAO**					
	1544	Alkaloid salts, solid, n.o.s. *	6.1		I	**Removed** paper, plastic/aluminuium IP.10
	1544	Alkaloids, solid, n.o.s. *	6.1		I	**Removed** paper, plastic/aluminuium IP.10
	1557	Arsenic compound, solid, n.o.s. inorganic, including: Arsenates, n.o.s.; Arsenites, n.o.s.; and Arsenic sulphides, n.o.s.	6.1		I	**Removed** paper, plastic/aluminuium IP.10
	1565	Barium cyanide	6.1		I	**Removed** paper, plastic/aluminuium IP.10
	1570	Brucine	6.1		I	**Removed** paper, plastic/aluminuium IP.10
	1575	Calcium cyanide	6.1		I	**Removed** paper, plastic/aluminuium IP.10
	1588	Cyanides, inorganic, solid, n.o.s. *	6.1		I	**Removed** paper, plastic/aluminuium IP.10
	1601	Disinfectant, solid, toxic, n.o.s. *	6.1		I	**Removed** paper, plastic/aluminuium IP.10
	1626	Mercuric potassium cyanide	6.1		I	**Removed** paper, plastic/aluminuium IP.10
	1655	Nicotine compound, solid, n.o.s.	6.1		I	**Removed** paper, plastic/aluminuium IP.10
	1655	Nicotine preparation, solid, n.o.s.	6.1		I	**Removed** paper, plastic/aluminuium IP.10
	1680	Potassium cyanide, solid	6.1		I	**Removed** paper, plastic/aluminuium IP.10
	1689	Sodium cyanide, solid	6.1		I	**Removed** paper, plastic/aluminuium IP.10
	1692	Strychnine	6.1		I	**Removed** paper, plastic/aluminuium IP.10
	1692	Strychnine salts	6.1		I	**Removed** paper, plastic/aluminuium IP.10

	1713	Zinc cyanide	6.1		I	**Removed** paper, plastic/aluminuium IP.10
	2025	Mercury compound, solid, n.o.s.	6.1		I	**Removed** paper, plastic/aluminuium IP.10
	2026	Phenylmercuric compound, n.o.s.	6.1		I	**Removed** paper, plastic/aluminuium IP.10
	2316	Sodium cuprocyanide, solid	6.1		I	**Removed** paper, plastic/aluminuium IP.10
	2570	Cadmium compound	6.1		I	**Removed** paper, plastic/aluminuium IP.10
	2588	Pesticide, solid, toxic, n.o.s. *	6.1		I	**Removed** paper, plastic/aluminuium IP.10
	2628	Potassium fluoroacetate	6.1		I	**Removed** paper, plastic/aluminuium IP.10
	2629	Sodium fluoroacetate	6.1		I	**Removed** paper, plastic/aluminuium IP.10
	2630	Selenates	6.1		I	**Removed** paper, plastic/aluminuium IP.10
	2630	Selenites	6.1		I	**Removed** paper, plastic/aluminuium IP.10
	2642	Fluoroacetic acid	6.1		I	**Removed** paper, plastic/aluminuium IP.10
	2757	Carbamate pesticide, solid, toxic *	6.1		I	**Removed** paper, plastic/aluminuium IP.10
	2759	Arsenical pesticide, solid, toxic *	6.1		I	**Removed** paper, plastic/aluminuium IP.10
	2761	Organochlorine pesticide, solid, toxic *	6.1		I	**Removed** paper, plastic/aluminuium IP.10
	2763	Triazine pesticide, solid, toxic *	6.1		I	**Removed** paper, plastic/aluminuium IP.10
	2771	Thiocarbamate pesticide, solid, toxic *	6.1		I	**Removed** paper, plastic/aluminuium IP.10
	2775	Copper based pesticide, solid, toxic *	6.1		I	**Removed** paper, plastic/aluminuium IP.10
	2777	Mercury based pesticide, solid, toxic *	6.1		I	**Removed** paper, plastic/aluminuium IP.10
	2779	Substituted nitrophenol pesticide, solid, toxic *	6.1		I	**Removed** paper, plastic/aluminuium IP.10
	2781	Bipyridilium pesticide, solid, toxic *	6.1		I	**Removed** paper, plastic/aluminuium IP.10
	2783	Organophosphorus pesticide, solid, toxic *	6.1		I	**Removed** paper, plastic/aluminuium IP.10
	2786	Organotin pesticide, solid, toxic *	6.1		I	**Removed** paper, plastic/aluminuium IP.10
	2811	Toxic solid, organic, n.o.s. *	6.1		I	**Removed** paper, plastic/aluminuium IP.10
	2928	Toxic solid, corrosive, organic, n.o.s. *	6.1	8	I	**Removed** paper, plastic/aluminuium IP.10
	2930	Toxic solid, flammable, organic, n.o.s. *	6.1	4.1	I	**Removed** paper, plastic/aluminuium IP.10
	3027	Coumarin derivative pesticide, solid, toxic *	6.1		I	**Removed** paper, plastic/aluminuium IP.10
	3086	Toxic solid, oxidizing, n.o.s. *	6.1	5.1	I	**Removed** paper, plastic/aluminuium IP.10
	3124	Toxic solid, self-heating, n.o.s. *	6.1	4.2	I	**Removed** paper, plastic/aluminuium IP.10
	3125	Toxic solid, water-reactive, n.o.s. *	6.1	4.3	I	**Removed** paper, plastic/aluminuium IP.10
	3143	Dye intermediate, solid, toxic, n.o.s. * †	6.1		I	**Removed** paper, plastic/aluminuium IP.10
	3143	Dye, solid, toxic, n.o.s. * †	6.1		I	**Removed** paper, plastic/aluminuium IP.10
	3283	Selenium compound, solid, n.o.s.	6.1		I	**Removed** paper, plastic/aluminuium IP.10
	3284	Tellurium compound, n.o.s.	6.1		I	**Removed** paper, plastic/aluminuium IP.10
	3285	Vanadium compound, n.o.s.	6.1		I	**Removed** paper, plastic/aluminuium IP.10
	3288	Toxic solid, inorganic, n.o.s. *	6.1		I	**Removed** paper, plastic/aluminuium IP.10

	3290	Toxic solid, corrosive, inorganic, n.o.s. *	6.1	8	I	**Removed** paper, plastic/aluminuium IP.10
	3345	Phenoxyacetic acid derivative pesticide, solid, toxic *	6.1		I	**Removed** paper, plastic/aluminuium IP.10
	3349	Pyrethroid pesticide, solid, toxic *	6.1		I	**Removed** paper, plastic/aluminuium IP.10
	3439	Nitriles, toxic, solid, n.o.s. *	6.1		I	**Removed** paper, plastic/aluminuium IP.10
	3448	Tear gas substance, solid, n.o.s. *	6.1		I	**Removed** paper, plastic/aluminuium IP.10
	3449	Bromobenzyl cyanides, solid	6.1		I	**Removed** paper, plastic/aluminuium IP.10
	3462	Toxins, extracted from living sources, solid, n.o.s. *	6.1		I	**Removed** paper, plastic/aluminuium IP.10
	3464	Organophosphorus compound, toxic, solid, n.o.s. *	6.1		I	**Removed** paper, plastic/aluminuium IP.10
	3465	Organoarsenic compound, solid, n.o.s. *	6.1		I	**Removed** paper, plastic/aluminuium IP.10
	3466	Metal carbonyls, solid, n.o.s. *	6.1		I	**Removed** paper, plastic/aluminuium IP.10
	3467	Organometallic compound, toxic, solid, n.o.s. *	6.1		I	**Removed** paper, plastic/aluminuium IP.10
608 to 607	**CAO**					
	2471	Osmium tetroxide	6.1		I	**Increased** glass from .5 to 1 kg and increased plastic from .5 to 2.5 kg **added** metal and aluminum. PPR 9
	3146	Organotin compound, solid, n.o.s. *	6.1		I	**Increased** glass from .5 to 1 kg and increased plastic and metal from .5 to 2.5 kg **added** aluminum. PPR 9
616 to 607	**CAO**					
	3048	Aluminium phosphide pesticide	6.1		I	**Increased** plastic and metal and aluminum from 1 to 2.5 kg and **added** plastic bags and fibre. PPR 9
612 to 611	**CAO**					
	1638	Mercury iodide solution	6.1		II	**Added** aluminum
	1702	1,1,2,2-Tetrachloroethane	6.1		II	PPR 3
	1846	Carbon tetrachloride	6.1		II	PPR 3
	1888	Chloroform	6.1		III	PPR 3
611 to 612	**CAO**					
	2927	Toxic liquid, corrosive, organic, n.o.s. *	6.1	8	II	**Reduced** glass and plastic from 2.5 to 1 L and metal and aluminum from 5 to 2.5 L.
	3073	Vinylpyridines, stabilized	6.1	3 8	II	**Reduced** glass and plastic from 2.5 to 1 L and metal and aluminum from 5 to 2.5 L.

	3122	Toxic liquid, oxidizing, n.o.s. *	6.1	5.1	II	**Reduced** glass and plastic from 2.5 to 1 L and metal and aluminum from 5 to 2.5 L.
	3123	Toxic liquid, water-reactive, n.o.s. *	6.1	4.3	II	**Reduced** glass and plastic from 2.5 to 1 L and metal and aluminum from 5 to 2.5 L.
	3277	Chloroformates, toxic, corrosive, n.o.s. *	6.1	8	II	**Reduced** glass and plastic from 2.5 to 1 L and metal and aluminum from 5 to 2.5 L.
	3289	Toxic liquid, corrosive, inorganic, n.o.s. *	6.1	8	II	**Reduced** glass and plastic from 2.5 to 1 L and metal and aluminum from 5 to 2.5 L.
	3361	Chlorosilanes, toxic, corrosive, n.o.s.	6.1	8	II	**Reduced** glass and plastic from 2.5 to 1 L and metal and aluminum from 5 to 2.5 L.
	3362	Chlorosilanes, toxic, corrosive, flammable, n.o.s.	6.1	3 8	II	**Reduced** glass and plastic from 2.5 to 1 L and metal and aluminum from 5 to 2.5 L.
612 to 612	**CAO**					
	1545	Allyl isothiocyanate, stabilized	6.1	3	II	**Added** plastic. PPR 5,13
	1593	Dichloromethane	6.1		III	**Reduced** glass and plastic from 5 to 1 L and **reduced** metal from 10 to 2.5 L. PPR 3
	1701	Xylyl bromide, liquid	6.1		II	**Added** aluminum. PPR 2,5,13
	1710	Trichloroethylene	6.1		III	**Reduced** glass and plastic from 5 to 1 L and **reduced** metal from 10 to 2.5 L. PPR 3
	1737	Benzyl bromide	6.1	8	II	**Added** aluminum. PPR 5,13
	1738	Benzyl chloride	6.1	8	II	**Added** aluminum. PPR 5,13
	1750	Chloroacetic acid solution	6.1	8	II	**Reduced** glass and plastic from 2.5 to 1 L and added aluminum. PPR 5,13
	1897	Tetrachloroethylene	6.1		III	**Reduced** glass and plastic from 5 to 1 L and **reduced** metal from 10 to 2.5 L. PPR 3
	1916	2,2'-Dichlorodiethyl ether	6.1	3	II	**Added** aluminum.
	1935	Cyanide solution, n.o.s.	6.1		II	**Reduced** glass and plastic from 2.5 to 1 L and metal from 5 to 2.5 and **added** aluminum.
	2024	Mercury compound, liquid, n.o.s.	6.1		II	**Reduced** glass and plastic from 2.5 to 1 L and metal from 5 to 2.5 and **added** aluminum.
	2574	Tricresyl phosphate with more than 3% ortho isomer	6.1		II	**Reduced** glass and plastic from 2.5 to 1 L and metal and aluminum from 5 to 2.5 L. PPR 2,13
	2788	Organotin compound, liquid, n.o.s. *	6.1		II	**Added** aluminum. PPR 13
	2831	1,1,1-Trichloroethane	6.1		III	**Reduced** glass and plastic from 5 to 1 L and **reduced** metal from 10 to 2.5 L. PPR 3
	3071	Mercaptan mixture, liquid, toxic, flammable, n.o.s. *	6.1	3	II	**Reduced** glass and plastic from 2.5 to 1 L and metal and aluminum from 5 to 2.5 L. PPR 2,13
	3071	Mercaptans, liquid, toxic, flammable, n.o.s. *	6.1	3	II	**Reduced** glass and plastic from 2.5 to 1 L and metal and aluminum from 5 to 2.5 L. PPR 2,13
	3416	Chloroacetophenone, liquid	6.1		II	**Added** plastic and aluminum. PPR 13

616 to 615	**CAO**					
	1697	Chloroacetophenone, solid	6.1		II	**Added** plastic and aluminum
	1751	Chloroacetic acid, solid	6.1	8	II	**Added** aluminum. PPR 5
	3146	Organotin compound, solid, n.o.s. *	6.1		II	**Increased** plastic from 2.5 to 5 kg and **added** aluminum. PPR 9
611 to 618	**CAO**					
	1851	Medicine, liquid, toxic, n.o.s.	6.1		III	**Increased** glass and plastic from 2.5 to 5 L and metal and aluminum from 5 to 10 L.
620 to 618	**CAO**					
	1935	Cyanide solution, n.o.s.	6.1		III	**Added** aluminum.
	2024	Mercury compound, liquid, n.o.s.	6.1		III	**Added** aluminum.
615 to 619	**CAO**					
	3249	Medicine, solid, toxic, n.o.s.	6.1		III	**Increased** glass and paper and plastic bags and fibre and paper, plastic/aluminum IP.10 from 2.5 to 5 kg and plastic and metal from 5 to 10 kg.
616 to 619A	**CAO**					
	3458	Nitroanisoles, solid	6.1		III	**Added** paper and plastic bags and fibre and paper, plastic/aluminum IP.10.

CORROSIVE MATERIAL						
807 to 807	Pax					
	1758	Chromium oxychloride	8		I	PPR 2,5,13
	1760	Corrosive liquid, n.o.s. *	8		I	PPR 2,13
	1777	Fluorosulphonic acid	8		I	PPR 2,13
	1790	Hydrofluoric acid more than 60% strength	8	6.1	I	Added glass. PPR 2,5
	1903	Disinfectant, liquid, corrosive, n.o.s. *	8		I	PPR 2,13
	2054	Morpholine	8	3	I	PPR 2,13
	2240	Chromosulphuric acid	8		I	PPR 2,5,13
	2401	Piperidine	8	3	I	**Removed** aluminum. PPR 7,13
	2604	Boron trifluoride diethyl etherate	8	3	I	**Removed** aluminum. PPR 13
	2699	Trifluoroacetic acid	8		I	PPR 13
	2734	Amines, liquid, corrosive, flammable, n.o.s. *	8	3	I	PPR 2,13
	2734	Polyamines, liquid, corrosive, flammable, n.o.s. *	8	3	I	PPR 2,13
	2735	Amines, liquid, corrosive, n.o.s. *	8		I	PPR 2,13
	2735	Polyamines, liquid, corrosive, n.o.s. *	8		I	PPR 2,13
	2801	Dye intermediate, liquid, corrosive, n.o.s. * †	8		I	PPR 2,13
	2801	Dye, liquid, corrosive, n.o.s. * †	8		I	PPR 2,13
	2879	Selenium oxychloride	8	6.1	I	PPR 2,5,13
	2920	Corrosive liquid, flammable, n.o.s. *	8	3	I	PPR 2,13
	2922	Corrosive liquid, toxic, n.o.s. *	8	6.1	I	PPR 2,13
	3145	Alkylphenols, liquid, n.o.s. (including C2 - C12 homologues)	8		I	PPR 2,13
	3264	Corrosive liquid, acidic, inorganic, n.o.s. *	8		I	PPR 2,13
	3265	Corrosive liquid, acidic, organic, n.o.s. *	8		I	PPR 2,13
	3266	Corrosive liquid, basic, inorganic, n.o.s. *	8		I	PPR 2,13
	3267	Corrosive liquid, basic, organic, n.o.s. *	8		I	PPR 2,13
	3301	Corrosive liquid, self-heating, n.o.s. *	8	4.2	I	PPR 2,13 why is this on a PAX anyway?
807 to 808	Pax					
Should PPR 13 apply to all PG II substances?	2031	Nitric acid other than red fuming, with 20% or less nitric acid	8		II	PPR 2,13

809 to 809	Pax					
	1715	Acetic anhydride	8	3	II	**Removed** aluminum. PPR 2,5,7,13
	1764	Dichloroacetic acid	8		II	PPR 2,5,13
	1765	Dichloroacetyl chloride	8		II	PPR 2,5,13
	1768	Difluorophosphoric acid, anhydrous	8		II	**PPR** 2,5
	1774	Fire extinguisher charges	8		II	**Added** metal.
	1775	Fluoroboric acid	8		II	**PPR** 2,5,21
	1776	Fluorophosphoric acid, anhydrous	8		II	**PPR** 2,5,21
	1778	Fluorosilicic acid	8		II	**PPR** 2,5,21
	1782	Hexafluorophosphoric acid	8		II	**PPR** 2,5,21
	1787	Hydriodic acid	8		II	**Added** metal.
	1788	Hydrobromic acid 49% or less strength	8		II	**Added** metal.
	1789	Hydrochloric acid	8		II	**Added** metal.
	1790	Hydrofluoric acid 60% or less strength	8	6.1	II	PPR 2,5
	1791	Hypochlorite solution †	8		II	PPR 5
	1803	Phenolsulphonic acid, liquid	8		II	**Added** metal.
	1814	Potassium hydroxide solution	8		II	**Added** metal.
	1818	Silicon tetrachloride	8		II	PPR 2,13
	1830	Sulphuric acid with more than 51% acid	8		II	PPR 5,13
	1908	Chlorite solution	8		II	PPR 2,13
	1940	Thioglycolic acid	8		II	PPR 5
	2258	1,2-Propylenediamine	8	3	II	PPR 2,13
	2308	Nitrosylsulphuric acid, liquid	8		II	PPR 2,5,13
	2502	Valeryl chloride	8	3	II	PPR 2,5,13
	2564	Trichloroacetic acid solution	8		II	PPR 2,5,13
	2789	Acetic acid solution more than 80% acid, by weight	8	3	II	PPR 2,5,7,13
	2789	Acetic acid, glacial	8	3	II	PPR 2,5,7,13
	2790	Acetic acid solution not less than 50% but not more than 80% acid, by weight	8		II	PPR 2,5,7,13
	2796	Battery fluid, acid	8		II	PPR 5,13
	2796	Sulphuric acid with 51% or less acid	8		II	PPR 5,13
	2817	Ammonium hydrogendifluoride solution	8	6.1	II	**Added** metal.

	3093	Corrosive liquid, oxidizing, n.o.s. *	8	5.1	II	PPR 2,5,13
	3094	Corrosive liquid, water-reactive, n.o.s. *	8	4.3	II	PPR 2,5,13
	3421	Potassium hydrogendifluoride solution	8	6.1	II	**Added** glass.
	3471	Hydrogendifluorides solution, n.o.s.	8	6.1	II	**This must have been added in last meeting.**
815 to 814	**Pax**					
	1727	Ammonium hydrogendifluoride, solid	8		II	**Added** aluminum and plastic bags. PPR 21
	1740	Hydrogendifluorides, solid, n.o.s.	8		II	**Added** aluminum and plastic bags. PPR 21
	1807	Phosphorus pentoxide	8		II	**Added** aluminum and plastic bags. PPR 5
	1811	Potassium hydrogendifluoride, solid	8	6.1	II	**Added** aluminum and plastic bags. PPR 21
	1839	Trichloroacetic acid	8		II	**Added** aluminum and plastic bags. PPR 5
	2439	Sodium hydrogendifluoride, solid	8		II	**Added** aluminum and plastic bags. PPR 21
	2509	Potassium hydrogen sulphate	8		II	**Added** aluminum and plastic bags. PPR 5
	2869	Titanium trichloride mixture	8		II	**Added** aluminum and plastic bags. PPR 5
	2949	Sodium hydrosulphide with 25% or more water of crystallization	8		II	**Added** aluminum and plastic bags. PPR 5
819 to 818	**Pax**					
	1719	Caustic alkali liquid, n.o.s. *	8		III	**Increased** metal from 2.5 to 5 L and added aluminum.
	1740	Hydrogendifluorides, solution, n.o.s.	8		III	**Increased** metal from 2.5 to 5 L and added aluminum. PPR 21
	1787	Hydriodic acid	8		III	**Added** metal and aluminum. PPR 13
	1788	Hydrobromic acid 49% or less strength	8		III	**Added** metal and aluminum. PPR 13
	1789	Hydrochloric acid	8		III	**Added** metal and aluminum. PPR 13
	1791	Hypochlorite solution †	8		III	**Increased** metal from 2.5 to 5 L and added aluminum. PPR 5
	1805	Phosphoric acid, solution	8		III	**Increased** metal from 2.5 to 5 L and added aluminum. PPR 5
	1814	Potassium hydroxide solution	8		III	**Increased** metal from 2.5 to 5 L and added aluminum.
	1824	Sodium hydroxide solution	8		III	**Increased** metal from 2.5 to 5 L and added aluminum.
	1908	Chlorite solution	8		III	**Increased** metal from 2.5 to 5 L and added aluminum. PPR 13
	2564	Trichloroacetic acid solution	8		III	**Increased** metal from 2.5 to 5 L and added aluminum. PPR 5,13
	2677	Rubidium hydroxide solution	8		III	**Increased** metal from 2.5 to 5 L and added aluminum.

	2679	Lithium hydroxide solution	8		III	**Increased** metal from 2.5 to 5 L and added aluminum.
	2681	Caesium hydroxide solution	8		III	**Increased** metal from 2.5 to 5 L and added aluminum.
	2817	Ammonium hydrogendifluoride solution	8	6.1	III	**Increased** metal from 2.5 to 5 L and added aluminum. PPR 21
	2837	Bisulphates, aqueous solution	8		III	**Increased** metal from 2.5 to 5 L and added aluminum.
	3320	Sodium borohydride and sodium hydroxide solution with 12% or less sodium borohydride and 40% or less sodium hydroxide, by mass	8		III	**Increased** metal from 2.5 to 5 L and added aluminum.
	3421	Potassium hydrogendifluoride solution	8	6.1	III	**Increased** metal from 2.5 to 5 L and added aluminum. PPR 21
825 to 822	**Pax**					
	1740	Hydrogendifluorides, solid, n.o.s.	8		III	**Reduced** plastic from 5 to 2.5 kg and **added** aluminum and plastic bags. PPR 21
	2869	Titanium trichloride mixture	8		III	**Reduced** plastic from 5 to 2.5 kg and **added** aluminum and plastic bags. PPR 5
	3453	Phosphoric acid, solid	8		III	**Reduced** plastic from 5 to 2.5 kg and **added** aluminum and plastic bags. PPR 5
809 to 809A	**CAO**					
	1739	Benzyl chloroformate	8		I	**Added** metal. PPR 13
	1758	Chromium oxychloride	8		I	PPR 2,5,13
	1760	Corrosive liquid, n.o.s. *	8		I	PPR 2,13
	1777	Fluorosulphonic acid	8		I	**Removed** aluminum. PPR 2,5,7,13,21
	1786	Hydrofluoric acid and sulphuric acid mixture	8	6.1	I	**Added** glass. PPR 2,5
	1790	Hydrofluoric acid more than 60% strength	8	6.1	I	**Added** glass. PPR 2,5
	1796	Nitrating acid mixture with more than 50% nitric acid †	8	5.1	I	**Added** plastic. PPR 5,13
	1798	Nitrohydrochloric acid	8		I	**Added** plastic and metal. PPR 13
	1826	Nitrating acid mixture, spent with more than 50% nitric acid	8	5.1	I	**Added** plastic. PPR 5,13
	1828	Sulphur chlorides	8		I	PPR 5,7,13
	1903	Disinfectant, liquid, corrosive, n.o.s. *	8		I	PPR 2,13
	2030	Hydrazine, aqueous solution with more than 37% by weight	8	6.1	I	PPR 2,5,13

	2031	Nitric acid other than red fuming, with more than 70% nitric acid	8	5.1	I	**Added** plastic and metal. PPR 13
	2054	Morpholine	8	3	I	PPR 2,13
	2240	Chromosulphuric acid	8		I	PPR 2,5,13
	2401	Piperidine	8	3	I	PPR 7,13
	2444	Vanadium tetrachloride	8		I	PPR 2,5,13
	2699	Trifluoroacetic acid	8		I	PPR 5,13,21
	2734	Amines, liquid, corrosive, flammable, n.o.s. *	8	3	I	PPR 2,13
	2734	Polyamines, liquid, corrosive, flammable, n.o.s. *	8	3	I	PPR 2,13
	2735	Amines, liquid, corrosive, n.o.s. *	8		I	PPR 2,13
	2735	Polyamines, liquid, corrosive, n.o.s. *	8		I	PPR 2,13
	2801	Dye intermediate, liquid, corrosive, n.o.s. * †	8		I	PPR 2,13
	2801	Dye, liquid, corrosive, n.o.s. * †	8		I	PPR 2,13
	2879	Selenium oxychloride	8	6.1	I	PPR 2,5,13
	2920	Corrosive liquid, flammable, n.o.s. *	8	3	I	PPR 2,13
	2922	Corrosive liquid, toxic, n.o.s. *	8	6.1	I	PPR 2,13
	3093	Corrosive liquid, oxidizing, n.o.s. *	8	5.1	I	PPR 2,5,13
	3094	Corrosive liquid, water-reactive, n.o.s. *	8	4.3	I	PPR 2,5,13
	3145	Alkylphenols, liquid, n.o.s. (including C2 - C12 homologues)	8		I	PPR 2,13
	3264	Corrosive liquid, acidic, inorganic, n.o.s. *	8		I	PPR 2,13
	3265	Corrosive liquid, acidic, organic, n.o.s. *	8		I	PPR 2,13
	3266	Corrosive liquid, basic, inorganic, n.o.s. *	8		I	PPR 2,13
	3267	Corrosive liquid, basic, organic, n.o.s. *	8		I	PPR 2,13
	3301	Corrosive liquid, self-heating, n.o.s. *	8	4.2	I	PPR 2,13
813 to 809A	**CAO**					
	2029	Hydrazine, anhydrous	8	3 6.1	I	**Increased** glass and plastic from .5 to 1 L, **reduced** metal from 2.5 to 1 L and **removed** aluminum. PPR 2,5,7,13
817 to 816	**CAO**					
	1727	Ammonium hydrogendifluoride, solid	8		II	**Added** aluminum and plastic bags. PPR 21
	1740	Hydrogendifluorides, solid, n.o.s.	8		II	**Added** aluminum and plastic bags. PPR 21

	1792	Iodine monochloride	8		II	**Added** metal and aluminum and plastic bags.
	1806	Phosphorus pentachloride	8		II	**Added** aluminum and plastic bags. PPR 5
	1807	Phosphorus pentoxide	8		II	**Added** aluminum and plastic bags. PPR 5
	1811	Potassium hydrogendifluoride, solid	8	6.1	II	**Added** aluminum and plastic bags. PPR 21
	1839	Trichloroacetic acid	8		II	**Added** aluminum and plastic bags. PPR 5
	1939	Phosphorus oxybromide	8		II	**Added** metal and aluminum and plastic bags.
	2439	Sodium hydrogendifluoride, solid	8		II	**Added** aluminum and plastic bags. PPR 21
	2509	Potassium hydrogen sulphate	8		II	**Added** aluminum and plastic bags. PPR 5
	2691	Phosphorus pentabromide	8		II	**Added** aluminum and plastic bags. PPR 5
	2869	Titanium trichloride mixture	8		II	**Added** aluminum and plastic bags. PPR 5
	2949	Sodium hydrosulphide with 25% or more water of crystallization	8		II	**Added** plastic bags. PPR 5
819 to 816	**CAO**					
	1774	Fire extinguisher charges	8		II	**Increased** plastic from 2.5 to 5 L and **added** metal and aluminum and plastic bags.
822 to 816	**CAO**					
	3425	Bromoacetic acid, solid	8		II	**Added** being allowed in single packagings.
813 to 820	**CAO**					
		Ammonia solution relative density (specific gravity) between 0.880 and 0.957 at 15°C in water, with more than 10% but not more than 35% ammonia	8		III	**Added** aluminum
821 to 820	**CAO**					
	1719	Caustic alkali liquid, n.o.s. *	8		III	**Increased** metal from 5 to 10 L and added aluminum.
	1740	Hydrogendifluorides, solution, n.o.s.	8		III	**Increased** metal from 5 to 10 L and added aluminum. PPR 21
	1787	Hydriodic acid	8		III	**Added** metal and aluminum. PPR 13
	1788	Hydrobromic acid 49% or less strength	8		III	**Added** metal and aluminum. PPR 13
	1789	Hydrochloric acid	8		III	**Added** metal and aluminum. PPR 13
	1791	Hypochlorite solution †	8		III	**Increased** metal from 5 to 10 L and added aluminum. PPR 5
	1805	Phosphoric acid, solution	8		III	**Increased** metal from 5 to 10 L and added aluminum. PPR 5

	1814	Potassium hydroxide solution	8		III	**Increased** metal from 5 to 10 L and added aluminum.
	1824	Sodium hydroxide solution	8		III	**Increased** metal from 5 to 10 L and added aluminum.
	1908	Chlorite solution	8		III	**Added** metal and aluminum. PPR 13
	2564	Trichloroacetic acid solution	8		III	**Added** metal and aluminum. PPR 13
	2677	Rubidium hydroxide solution	8		III	**Increased** metal from 5 to 10 L and added aluminum.
	2679	Lithium hydroxide solution	8		III	**Increased** metal from 5 to 10 L and added aluminum.
	2681	Caesium hydroxide solution	8		III	**Increased** metal from 5 to 10 L and added aluminum.
	2817	Ammonium hydrogendifluoride solution	8	6.1	III	**Increased** metal from 5 to 10 L and added aluminum. PPR 21
	2837	Bisulphates, aqueous solution	8		III	**Increased** metal from 5 to 10 L and added aluminum.
	3320	Sodium borohydride and sodium hydroxide solution with 12% or less sodium borohydride and 40% or less sodium hydroxide, by mass	8		III	**Increased** metal from 5 to 10 L and added aluminum.
	3421	Potassium hydrogendifluoride solution	8	6.1	III	**Increased** metal from 5 to 10 L and added aluminum. PPR 21
826 to 823	**CAO**					
	1740	Hydrogendifluorides, solid, n.o.s.	8		III	**Reduced** plastic from 10 to 5 kg and **added** aluminum and plastic bags. PPR 21
	2869	Titanium trichloride mixture	8		III	**Reduced** plastic from 10 to 5 kg and **added** aluminum and plastic bags. PPR 5
	3453	Phosphoric acid, solid	8		III	

TABLE #2

9/20/2005 CLASS 3 FLAMMABLE LIQUIDS							
PACKING GROUP	**SUBSIDIARY RISK**	**AIRCRAFT TYPE**	**FORM**	**INNER TYPE PACKAGING**	**INNER QUANTITY**	**Packing Instruction**	**PPRS**
I	NONE	PAX	LIQUID	GLASS PLASTIC METAL (IP.3/3A)	0.5 L FORBIDDEN 1.0 L	302 **OLD 302 AND 306**	• PPR 13 • Single packagings not permitted • OUTER QUANTITY – 1L
I	6.1	PAX	LIQUID	GLASS PLASTIC METAL (IP.3/3A)	FORBIDDEN FORBIDDEN FORBIDDEN	Forbidden on PAX	
I	8	PAX	LIQUID	GLASS PLASTIC METAL (IP.3/3A)	0.5 L Forbidden 0.5 L	302A **OLD 302**	• PPR 13, • Single packagings not permitted • Metal packagings must be corrosion resistant or with protection against corrosion. • OUTER QUANTITY – 0.5 L
I	NONE , 6.1	CAO	LIQUID	GLASS PLASTIC METAL (IP.3/3A)	1 L FORBIDDEN 5 L	303 **OLD 308 and 303**	• OUTER QUANTITY – 30 L
I	NONE, 6.1, 8 AND 6.1 + 8	CAO	LIQUID	GLASS PLASTIC METAL (IP.3/3A)	1.0 L FORBIDDEN 2.5 L	303A **OLD 303 and 304**	• PPR 13 for all substances • Metal packagings must be corrosion resistant or with protection against corrosion. • OUTER QUANTITY – 2.5 L AND 30 L
II	NONE	PAX	LIQUID	GLASS PLASTIC METAL (IP.3/3A)	1.0 L 5.0 L 5.0 L	305 **OLD 305 and 306**	• Single packagings not permitted. • OUTER QUANTITY – 5 L
II and UN1228 PG III	NONE, 6.1, 8, AND 6.1 + 8	PAX	LIQUID	GLASS PLASTIC METAL (IP.3/3A)	1.0 L 1.0 L 1.0 L	306 **OLD 305 AND 306**	• PPR 13 for all substances. • Metal packagings must be corrosion resistant or with protection against corrosion. • Single packagings not permitted. • OUTER QUANTITY – 1 L AND 5 L
UN1196, UN1298, UN1723 II	8	CAO	LIQUID	GLASS PLASTIC METAL IP.3	1.0 L 1.0 L 1.0 L	304 **OLD 304**	• PPR 13 for all substances • Metal packagings must be corrosion resistant or with protection against corrosion. • OUTER QUANTITY – 5 L
II	NONE & 6.1	CAO	LIQUID	GLASS PLASTIC METAL (IP.3/3A)	2.5 L 5.0 L 10 L	307 **OLD 307 AND 308**	• OUTER QUANTITY – 60 L
II and UN1111, UN1204, UN1278 and UN1228 PG III	NONE, 6.1, 8, 8 + 6.1	CAO	LIQUID	GLASS PLASTIC METAL (IP.3/3A)	2.5 L 2.5 L 5.0 L	308 **OLD 307 AND 308**	• PPR 13 for all substances • Metal packagings must be corrosion resistant or with protection against corrosion • OUTER QUANTITY – 5L AND 60 L
III	NONE , 6.1	PAX	LIQUID	GLASS PLASTIC METAL (IP.3/3A)	2.5 L 10 L 10 L	309 **OLD 309 and 305**	• OUTER QUANTITY – 5L AND 60 L
III	8	PAX	LIQUID	GLASS PLASTIC METAL (3/3A)	2.5 L 5.0 L 5.0 L	309A **OLD 309**	• Metal packagings must be corrosion resistant or with protection against corrosion • Packagings must meet packing group II performance requirements. • OUTER QUANTITY – 5 L

III	NONE , 6.1, 8	CAO	LIQUID	GLASS PLASTIC METAL (3/3A)	5.0 L 10 L 25 L	310 **OLD 310 and 307**	• Substances that have a corrosive subsidiary must meet PG II performance standards. • OUTER QUANTITY – 5 L AND 60 L AND 220 L
UN3269 II & III	NONE	PAX and CAO	LIQUID and SOLID	See PI		312 **OLD 312**	See PI • OUTER QUANTITY – 5 KG
UN3473	N0NE	PAX and CAO	Article	See PI		31X **NO OLD**	See PI • OUTER QUANTITY – PAX 5 L AND CAO 60 L
UN3064 II	NONE	CAO	Liquid	See PI		300 **OLD 311**	See PI • OUTER QUANTITY – 5 L
UN3165 I	6.1, 8	CAO	Liquid	See PI		301 **OLD 301**	See PI • OUTER QUANTITY – 42 L

CLASS 4 FLAMMABLE SOLIDS							
DIVISION & PG	**SUBSIDIARY RISK**	**AIRCRAFT TYPE**	**FORM**	**INNER TYPE PACKAGING**	**INNER QUANTITY**	**MAX QTY PER OUTER**	**PPRS**
4.2 PG II 4.3 PG II	NONE, 6.1, 8 NONE, 6.1, 8	PAX	LIQUID	GLASS PLASTIC METAL (IP.3/3A)	1.0 L 1.0 L 1.0 L	408 **OLD 408 FOR 4.2, 413 FOR 4.3, 409 FOR UN3399**	• For UN3399 plastic inner packagings not permitted and PPR 13. • Single packagings are not permitted. • OUTER QUANTITY – 1 L
4.3 PG I	NONE, 3, 6.1, 8, 3 + 8	CAO	LIQUID	GLASS PLASTIC METAL (IP.3)	1.0 L FORBIDDEN 1.0 L	409 **OLD 408 AND 409**	• PPR 13 for all substances. • Metal packagings must be corrosion resistant or with protection against corrosion. • Single packagings are not permitted. • OUTER QUANTITY – 1 L
4.3 PG I	NONE, 4.1, 4.2, 6.1, 8	CAO	SOLID	GLASS PLASTIC METAL (IP.3/3A) PLASTIC BAG	1 kg 2.5 kg 2.5 kg 2.5 kg	411 **OLD 411**	• OUTER QUANTITY – 15 KG
4.1 PG I 4.3 PG I	NONE NONE, 4.2, 6.1	CAO	SOLID	GLASS PLASTIC METAL (IP.3)	1 kg 1 kg 1 kg	412 **OLD 412 and 415**	• PPR 13 for all substances • Metal packagings must be corrosion resistant or with protection against corrosion. • OUTER QUANTITY – 15 KG
4.2 PG II 4.3 PG II	NONE, 6.1, 8 NONE, 6.1, 8	CAO	LIQUID	GLASS PLASTIC METAL (IP.3/3A)	2.5 L 2.5L 5 L	414 **OLD 414**	• OUTER QUANTITY – 5 L
4.2 PG III 4.3 PG III	NONE, 6.1, 8 NONE, 6.1, 8	PAX	LIQUID	GLASS PLASTIC METAL (IP.3/3A)	2.5 L 2.5 L 5.0 L	414A **OLD 414**	• Packagings must meet Packing Group II performance requirements. • OUTER QUANTITY – 5 L
4.1 PG II 4.2 PG II 4.3 PG II	NONE, 6.1, 8 NONE, 6.1, 8 NONE, 4.1, 4.2, 6.1, 8	PAX	SOLID	GLASS PLASTIC METAL (IP.3/3A) PLASTIC BAG	1.0 kg 2.5 kg 2.5 kg 1 kg	415 **OLD 415 AND 416**	• PPR 13 for all substances, • For 4.3 substances where outer packaging is not waterproof, additional protection must be provided for the inner packagings in the form of a leakproof liner or equally efficient means of containment. • UN1339, 1340, 1341, 1343, 1369,

							1382, 1384, 1385, 1390, 1394, 1402, 1409, 1417, 1437, 1923, 1929, 2004, 2008, 2318, 2545, 2546, 2805, and 3182 plastic bags are not permitted. • Single packagings are not permitted. • Metal packagings must be corrosion resistant or with protection against corrosion. • OUTER QUANTITY – 5KG AND 15 KG
4.2 PG II 4.3 PG II UN2881 PG III ??	NONE, 8 NONE, 4.2	PAX	SOLID	GLASS PLASTIC METAL (IP.3/3A)	1.0 kg 1.0 kg 1.0 kg	415A **OLD 416**	• UN 2624 where outer packaging is not waterproof, additional protection must be provided for the inner packagings in the form of a leakproof liner or equally efficient means of containment. • Single packagings are not permitted. • OUTER QUANTITY – 15 KG
UN 1378 PG II UN 2881 PG II	NONE	CAO	SOLID	GLASS PLASTIC METAL (IP.3/3A)	1 kg Forbidden 1 kg	416 **OLD 416**	• PPR 13 for all substances • Single packagings are not permitted. • OUTER QUANTITY – 50 KG
UN 2881 PG III 4.2 PG III	NONE	PAX	SOLID	GLASS PLASTIC METAL (IP.3/3A)	1 kg Forbidden 1 kg	416Z **OLD 422**	• PPR 13 for all substances. • Packagings must meet PG II performance tests. • Single packagings are not permitted. • OUTER QUANTITY – 25 KG
4.1 PG I – Wetted Explosives	NONE, 6.1	PAX and CAO	SOLID	GLASS PLASTIC METAL IP.3 Plastic Bags	.5 kg .5 kg .5 kg .5 kg	416A **OLD 416 and 412**	See PI
UN2555 Nitrocellulose with water, UN2556 Nitrocellulose with alcohol, UN2557 Nitrocellulose with or without plasticizer	NONE	CAO	SOLID	GLASS PLASTIC METAL (IP.3/3A) Plastic Bags	1 kg 1 kg 1 kg 1 kg	4X5 **OLD 418**	• OUTER QUANTITY – 15 KG AND 50 KG
UN2555 Nitrocellulose with water, UN2556 Nitrocellulose with alcohol, UN2557 Nitrocellulose with or without plasticizer 4.1 PG II	NONE	PAX	SOLID	GLASS PLASTIC METAL (IP.3/3A) Plastic Bags	1 kg 1 kg 1 kg 1 kg	4X5A **OLD 416**	• OUTER QUANTITY – 1 KG AND 15 KG
4.1 PG II 4.2 PG II 4.3 PG II	NONE, 6.1, 8 NONE, 6.1, 8 NONE, 4.1, 4.2, 6.1, 8	CAO	SOLIDS	GLASS PLASTIC METAL (3/3A) PLASTIC BAGS	2.5 kg 5 kg 5 kg 2.5 kg	417 **OLD 417 AND 418**	• For UN 2881 PPR 13 • OUTER QUANTITY – 50 KG

4.1 PG III 4.2 PG III 4.3 PG III	NONE, 6.1, 8 NONE, 4.3, 6.1, 8 NONE, 4.1, 4.2, 6.1, 8	PAX	SOLIDS	GLASS PLASTIC METAL (3/3A) PLASTIC BAGS	5 kg 10 kg 10 kg 5 kg	419 **OLD 419 and 416**	• For Division 4.3 substances where outer packaging is not waterproof, additional protection must be provided for the inner packagings in the form of a leakproof liner or equally efficient means of containment. • Packagings must meet PG II performance tests. • Single packagings are not permitted. • OUTER QUANTITY – 15 KG AND 20 KG AND 25 KG
4.1 PG III 4.2 PG III 4.3 PG III	NONE, 6.1, 8 NONE, 4.3, 6.1, 8 NONE, 4.1, 4.2, 6.1, 8	CAO	SOLIDS	GLASS PLASTIC METAL (3/3A) PLASTIC BAGS	5 kg 10 kg 10 kg 5 kg	420 **OLD 418 AND 420**	• For UN2881 PPR 13. • Packagings must meet PG II performance tests. • OUTER QUANTITY – 50 KG AND 100 KG
4.1 PG III 4.2 PG III 4.3 PG III	NONE NONE, 8 NONE, 4.2, 6.1	CAO	SOLIDS	GLASS PLASTIC METAL (IP.3/3A)	5 kg 10 kg 10 kg	420A **OLD 421**	• Packagings must meet PG II performance tests. • OUTER QUANTITY – 100 KG
UN2881 PG III 4.2	NONE	CAO	SOLIDS	GLASS PLASTIC METAL IP.3	2.5 kg Forbidden 5 kg	421 **OLD 421**	• PPR 13. • Packagings must meet PG II performance tests. • OUTER QUANTITY – 100 KG
4.1 PG III 4.2 PG III 4.3 PG III	NONE NONE, 8 NONE, 4.2, 6.1	PAX	SOLIDS	GLASS PLASTIC METAL (IP.3/3A)	2.5 kg 2.5 kg 5 kg	422 **OLD 422**	• Packagings must meet PG II performance tests. • Single packagings not permitted. • OUTER QUANTITY – 25 KG
4.2 PG III 4.3 PG III	NONE, 6.1, 8 NONE, 6.1, 8	CAO	LIQUIDS	GLASS PLASTIC METAL (IP.3/3A)	5 L 5 L 10 L	425 **OLD 425**	• Packagings must meet PG II performance tests. • OUTER QUANTITY – 60 L
4.2 UN1362 Carbon, Activated	NONE	CAO and PAX	SOLID	PLASTIC	0.1 kg	426 **OLD 426**	• Single packagings not permitted. • OUTER QUANTITY – 0.5 KG
4.1 Self Reactive Sub	NONE	PAX	LIQUID	UN3223 Plastic UN3225Plastic UN3227Plastic UN3229 Plastic	.5 L .5 L 1 L 1 L	427 **OLD 427**	• Packagings must meet PG II performance tests. • Single packagings not permitted. • OUTER QUANTITY – 5L AND 10 L
4.1 Self Reactive Sub	NONE	CAO	LIQUID	UN3223 Plastic UN3225Plastic UN3227Plastic UN3229 Plastic	1 L 1 L 2.5 L 2.5 L	428 **OLD 428**	• Packagings must meet PG II performance tests. • Single packagings not permitted. • OUTER QUANTITY – 10 L AND 25 L
4.1 Self Reactive Sub	NONE	PAX	SOLID	3224 Plastic & Plastic Bag 3226Plastic & Plastic Bag 3228Plastic & Plastic Bag 3230 Plastic & Plastic Bag	.5 kg .5 kg 1 kg 1 kg	429 **OLD 429**	• Packagings must meet PG II performance tests. • Single packagings are not permitted. • OUTER QUANTITY – 5 KG AND 10 KG
4.1 Self Reactive Sub	NONE	CAO	SOLID	3224 Plastic & Plastic Bag 3226Plastic & Plastic Bag 3228Plastic & Plastic Bag 3230 Plastic & Plastic Bag	1 kg 1 kg 2.5 kg 2.5 kg	430 **OLD 430**	• Packagings must meet PG II performance tests. • Single packagings are not permitted. • OUTER QUANTITY – 10 KG AND 25 KG

4.3 UN3292 Batteries, containing sodium	NONE	CAO	SOLID	See PI		433 **OLD 433**	See PI • OUTER QUANTITY – PAX 25 G AND CAO NO LIMIT
4.1 UN3241 2-Bromo-2-nitropropane -1,3-diol	NONE	PAX and CAO	SOLID	Glass Plastic Plastic Bag	.5 kg 1 kg 1 kg	434 **OLD 434**	• Packagings must meet PG II performance tests. • OUTER QUANITY – PAX 25 KG AND CAO 50 KG
4.1 UN3319 Nitroglycerin mixture, desensitized, solid,nos	NONE	CAO	SOLID	See PI		435 **OLD 435**	See PI • OUTER QUANTITY – 0.5 KG
UN3399 PG II CAO and PG III PAX	3	CAO and PAX	Organometallic substance, LIQUID, water reactive, flammable	Glass Metal	2.5 L 2.5 L	431 **OLD PAX 431 AND OLD CAO 432**	• PPR 13 • Packagings must meet PG II performance tests. • Single packagings not permitted. • OUTER QUANTITY -5 L
UN3399 PG III CAO	3	CAO	Organometallic substance, LIQUID, water reactive, flammable	Glass Metal	5 L 5 L	432 **OLD 432**	• PPR 13 • Packagings must meet PG II performance tests. • OUTER QUANTITY -60 L
4.1 PG III UN1324	NONE	PAX and CAO	Nitrocellulose base	See PI		400 **OLD 400**	• OUTER QUANTITY – PAX – 25 KG AND CAO 100 KG
4.1 PG II UN3270	NONE	PAX and CAO	Nitrocellulose membrane filters	See PI		401 **OLD 401**	• OUTER QUANTITY – PAX - 1 KG AND CAO – 15 KG
4.1 PG III UN1944 and UN1945	NONE	PAX and CAO	Matches	See PI		404 **OLD 404**	• OUTER QUANTITY – PAX -25 KG AND CAO – 100 KG
4.1 PG III UN2000	NONE	CAO	Celluloid	See PI		407 **OLD 407**	• OUTER QUANTITY – PAX – 25 KG AND CAO – 100 KG
CLASS 5 Oxidizers and Organic Peroxides							
DIVISION & PG	**SUBSIDIARY RISK**	**AIRCRAFT TYPE**	**FORM**	**INNER TYPE PACKAGING**	**INNER QUANTITY**	**MAX QTY PER OUTER**	**PPRS**
5.2	NONE	PAX	LIQUID	UN3103 Plastic UN3105 Plastic UN3107 Plastic UN3109 Plastic	.5 L .5 L 1 L 1 L	500 **OLD 500**	• Packagings used for organic peroxides must meet Packing Group II performance tests. • Single packagings not permitted. • OUTER QUANTITY – 5 L AND 10 L
5.1 PG I	NONE, 6.1, 8	CAO	LIQUIDS	GLASS PLASTIC METAL (IP.3/3A)	1 L 1 L 1 L	501 **OLD 501**	• UN1873 must be packed in glass inner packagings • PPR 13 • Metal packagings must be corrosion resistant or with protection against corrosion. • Single packagings are not permitted. • OUTER QUANTITY – 2.5 L

5.2	NONE	CAO	LIQUIDS	UN3103 Plastic UN3105 Plastic UN3107 Plastic UN3109 Plastic	1 L 1 L 2.5 L 2.5 L	502 **OLD 502**	• Packagings used for organic peroxides must meet Packing Group II performance tests. • Single packagings are not permitted. • OUTER QUANTITY – 10 L AND 25 L
5.1 PG II	NONE, 6.1, 8	PAX	LIQUIDS	GLASS PLASTIC METAL (IP.3/3A)	1 L 1 L 1 L	503 **OLD 501 AND 503**	• PPR 13 • Single packagings are not permitted. • OUTER QUANTITY – 1 L
5.1 PG II	NONE, 6.1, 8	CAO	LIQUIDS	GLASS PLASTIC METAL (IP.3/3A)	2.5 L 2.5 L 2.5 L	505 **OLD 505 and 506**	• • PPR 13 • Single packagings are not permitted. • OUTER QUANTITY – 5 L
5.1 PG II	NONE, 6.1, 8	PAX	SOLIDS	GLASS PLASTIC METAL (IP.3/3A) Paper Bag Plastic Bag Fibre	1 kg 1 kg 1 kg 1 kg 1 kg 1 kg	508 **OLD 508 AND 509**	• Bags must be packed in tightly closed metal or rigid plastic receptacles before packing in outer packagings. • Single packagings are not permitted. • OUTER QUANTITY – 5 KG
5.1 PG I	NONE, 6.1, 8	PAX	SOLIDS	GLASS PLASTIC METAL (IP.3/3A)	1 kg 1 kg 1 kg	509 **OLD 508 AND 509**	• Single packagings are not permitted • OUTER QUANTITY – 1 KG
5.2	NONE	PAX	SOLIDS	UN3104 Plastic Plastic Bag UN3106 Plastic Plastic Bag UN3108 Plastic Plastic Bag UN3110 Plastic Plastic Bag	.5 kg .5 kg .5 kg .5 kg 1 kg 1 kg 1 kg 1 kg	510 **OLD 510**	• Packagings used for organic peroxides must meet Packing Group II performance tests. • Single packagings are not permitted. • OUTER QUANTITY – 5 KG AND 10 KG
5.1 PG II	NONE, 6.1, 8	CAO	SOLIDS	GLASS PLASTIC METAL (IP.3/3A) Paper Bag Plastic Bag Fibre	2.5 kg 2.5 kg 5 kg 2.5 kg 2.5 kg 2.5 kg	511 **OLD 511 AND 512**	• Metal packaging must be corrosion resistant or with protection against corrosion. • Bags must be packed in tightly closed metal or rigid plastic receptacles before packing in outer packagings. • OUTER QUANTITY – 25 KG
5.1 PG I	NONE, 6.1, 8	CAO	SOLIDS	GLASS PLASTIC METAL (IP.3)	1 kg 1 kg 1 kg	512 **OLD 511 AND 512**	• OUTER QUANTITY – 15 KG
5.2	NONE	CAO	SOLIDS	UN3104 Plastic Plastic Bag UN3106 Plastic Plastic Bag UN3108 Plastic Plastic Bag UN3110 Plastic Plastic Bag	1 kg 1 kg 1 kg 1 kg 2.5 kg 2.5 kg 2.5 kg 2.5 kg	513 **OLD 513**	• Packagings used for organic peroxides must meet Packing Group II performance tests. • Single packagings are not permitted • OUTER QUANTITY – 10 KG AND 25 KG
5.1 PG III	NONE, 6.1, 8	PAX	LIQUIDS	GLASS PLASTIC METAL (IP.3/3A)	2.5 L 2.5 L 2.5 L	514 **OLD 506 AND 514**	• Single packagings are not permitted • Packagings must meet PG II performance tests. • OUTER QUANTITY – 2.5 L
5.1 PG III	NONE, 6.1, 8	CAO	LIQUIDS	GLASS PLASTIC METAL (IP.3/3A)	5 L 5 L 5 L	515 **OLD 507 AND 515**	• Metal packaging must be corrosion resistant or with protection against corrosion. • Packagings must meet PG II performance tests. • OUTER QUANTITY – 30 L

5.1 PG III	NONE, 6.1, 8	PAX	SOLIDS	GLASS PLASTIC METAL (IP.3/3A) Paper Bag Plastic Bag Fibre	2.5 kg 2.5 kg 2.5 kg 2.5 kg 2.5 kg 2.5 kg	516 **OLD 516 AND 517**	• Bags must be packed in tightly closed metal or rigid plastic receptacles before packing in outer packagings. • Packagings must meet PG II performance tests. • Single packagings are not permitted • OUTER QUANTITY – 25 KG
5.1 PG III	NONE, 6.1, 8	CAO	SOLIDS	GLASS PLASTIC METAL (IP.3/3A) Paper Bag Plastic Bag Fibre	5 kg 5 kg 5 kg 5 kg 5 kg 5 kg	518 **OLD 518 AND 519**	• Metal packaging must be corrosion resistant or with protection against corrosion. • Packagings must meet PG II performance tests. • OUTER QUANTITY – 100 KG
UN3356 Oxygen generator, chemical	NONE	CAO	SOLID	See PI		523 **OLD 523**	See PI • OUTER QUANTITY – 25 KG

CLASS 6 Toxic and Infectious Substances

UN2016, 2017, 1700	NONE	CAO	SOLID	See PI		600 **OLD 600**	See PI • OUTER QUANTITY – 50 KG AND 100 KG
PG I	NONE, 3, 8	PAX	LIQUIDS	GLASS PLASTIC METAL (IP.3/3A)	0.5 L 0.5 L 1 L	603 **OLD 603 AND 610**	• PPR 13 • Single packagings are not permitted • OUTER QUANTITY – 0.5 L AND 1 L
PG I	NONE, 3, 4.3, 5.1, 8	CAO	LIQUIDS	GLASS PLASTIC METAL (IP.3/3A)	1 L 1 L 2.5 L	604 **OLD 604 AND 605**	• PPR 13 • UN1649, plastic inner packagings and composite plastic single packagings are not permitted. • UN1694, inner packagings must not exceed 0.5 L and single packagings are not permitted. • OUTER QUANTITY – 2.5 L AND 30 L
PG III	NONE, 3	PAX	LIQUIDS	GLASS PLASTIC METAL (IP.3/3A)	2.5 L 2.5 L 5 L	605 **OLD 605 and 609 AND 611 AND 612**	• OUTER QUANITY – 5 L AND 60 L
PG I	NONE, 4.1, 4.2, 4.3, 5.1, 8	PAX	SOLIDS	GLASS PLASTIC METAL (IP.3/3A)	0.5 kg 1 kg 1 kg	606 **OLD 606 and 608**	• PPR 13 • Single packagings are not permitted • OUTER QUANTITY – 1 KG AND 5 KG
PG I	NONE, 4.1, 4.2, 4.3, 5.1, 8	CAO	SOLIDS	GLASS PLASTIC METAL (3/3A) PLASTIC BAGS FIBRE	1 kg 2.5 kg 2.5 kg 1 kg 1 kg	607 **OLD 607 AND 608 AND 616**	• For UN2471, UN3048 and UN3146 plastic bags and fibre inner packagings are not permitted. • For UN3450 only glass or earthenware and metal inner packagings in quantities not exceeding 0.5 kg per inner packaging are permitted. • PPR 13 • OUTER QUANTITY – 15 KG AND 50 KG
PG II	NONE, 3	PAX	LIQUIDS	GLASS PLASTIC METAL (IP.3/3A)	1 L 1 L 2.5 L	609 **OLD 609 AND 617**	• Single packagings are not permitted • OUTER QUANTITY – 5 L

PG II and UN1888 PG III	NONE, 3, 4.3, 5.1, 8, 3 + 8	PAX	LIQUIDS	GLASS PLASTIC METAL (IP.3/3A)	1 L 1 L 1 L	610 **OLD 609 AND 610**	• Metal packaging must be corrosion resistant or with protection against corrosion.. • PPR 13 • UN3071 when packed in plastic inner packagings must be packed with absorbent material in tightly closed metal or rigid plastic receptacles before packing in outer packagings. • Single packagings are not permitted. • OUTER QUANTITY – 1 L AND 5 L AND 60 L
PG II and UN1888 PG III	NONE, 3, 8, 3 + 8	CAO	LIQUIDS	GLASS PLASTIC METAL (IP.3/3A)	2.5 L 2.5 L 5 L	611 **OLD 611 AND 612**	• OUTER QUANTITY – 60 L
PG II PG III	NONE, 3, 4.3, 5.1, 3 + 8 NONE	CAO	LIQUIDS	GLASS PLASTIC METAL (IP.3/3A)	1 L 1 L 2.5 L	612 **OLD 611 AND 612**	• Metal packaging must be corrosion resistant or with protection against corrosion. • PPR 13 • UN1701 and UN3071 when packed in plastic inner packagings must be packed with absorbent material in tightly closed metal or rigid plastic receptacles before packing in outer packagings. • OUTER QUANTITY – 5 L AND 30 L AND 60 L AND 220 L
PG II and UN3249 PG III	NONE, 4.1, 4.2, 4.3, 5.1, 8	PAX	SOLIDS	GLASS PLASTIC METAL PAPER PLASTIC BAGS FIBRE	1 kg 2.5 kg 2.5 kg 1 kg 1 kg 1 kg	613 **OLD 613 and 614**	• Single packagings are not permitted • OUTER QUANTITY – 5 KG AND 15 KG AND 25 KG
PG II and UN3249 PGIII	NONE, 4.1, 4.2, 4.3, 5.1, 8	CAO	SOLIDS	GLASS PLASTIC METAL(3/3A) PAPER PLASTIC BAGS FIBRE PAPER, PLASTIC/ALUMINUM	2.5 kg 5 kg 5 kg 2.5 kg 2.5 kg 2.5 kg 2.5 kg	615 **OLD 615 AND 616**	• For UN1697, UN1751 and UN3146 only glass or earthenware, plastic (IP.2) and metal are permitted. • OUTER QUANTITY – 5 KG AND 25 KG AND 50 KG AND 100 KG
PG III	NONE, 3	CAO	LIQUIDS	GLASS PLASTIC METAL (IP.3/3A)	5 L 5 L 10 L	618 **OLD 611 and 618 and 620**	• OUTER QUANTITY – 5 L AND 220 L
PG III	NONE	CAO	SOLIDS	GLASS PLASTIC METAL PAPER PLASTIC BAGS FIBRE PAPER, PLASTIC/ALUMINUM	5 kg 10 kg 10 kg 5 kg 5 kg 5 kg 5 kg	619 **OLD 615 and 616 and 619**	• Metal packaging must be corrosion resistant or with protection against corrosion. • OUTER QUANTITY – 200 KG

PG III	NONE	PAX	SOLIDS	GLASS	5 kg	619A **OLD 613 and 616 and 619**	• Metal packaging must be corrosion resistant or with protection against corrosion. • For UN3458 paper (IP.4), plastic (IP.5), fibre (IP.6) and paper, plastic/aluminum (IP.10) inner packagings are not permitted and bags as single packagings are not permitted. • OUTER QUANTITY – 100 KG
				PLASTIC	10 kg		
				METAL	10 kg		
				PAPER	5 kg		
				PLASTIC BAGS	5 kg		
				FIBRE	5 kg		
				PAPER, PLASTIC/ALUMINUM	5 kg		
UN3291	NONE	PAX CAO				622	• OUTER QUANTITY – 50 KG

CLASS 8 Corrosives

UN2794 and UN2795	NONE	PAX and CAO	SOLIDS	See PI		800 **OLD 800**	See PI • OUTER QUANTITY – NO LIMIT
UN2028	NONE	CAO	SOLIDS	See PI		801 **OLD 801**	See PI • OUTER QUANTITY – 50 KG
UN3028	NONE	CAO	SOLIDS	See PI		802 **OLD 802**	See PI • OUTER QUANTITY – PAX – 25 KG AND CAO – 230 KG
UN2803 and UN2809	NONE	PAX and CAO	SOLIDS	See PI		8XX **OLD 804 AND 803**	See PI • OUTER QUANTITY – 20 KG AND 35 KG
UN2809 Mercury contained in manufactured articles	NONE	PAX and CAO	SOLIDS	See PI		805 **OLD 805**	See PI • OUTER QUANTITY – SEE PI
UN2803 and UN2809	NONE	PAX and CAO	SOLIDS	See PI		8XX **OLD 803 and 804**	See PI • OUTER QUANTITY – 20 KG AND 35 KG
UN2800	NONE	PAX and CAO	SOLIDS	See PI		806 **OLD 806**	See PI • OUTER QUANTITY – NO LIMIT
PG I	NONE, 3, 4.2, 6.1	PAX	LIQUIDS	GLASS	0.5 L	807 **OLD 807**	• Metal packaging must be corrosion resistant or with protection against corrosion. • PPR 13 • Glass or earthenware inner packagings are permitted if the substance is free from hydrofluoric acid. • Single packagings are not permitted. • OUTER QUANTITY – 0.5 L
				PLASTIC	0.5 L		
				METAL (IP.3)	0.5 L		
PG II	NONE, 3, 4.2, 6.1, 3 + 6.1	PAX	LIQUIDS	GLASS	1 L	808 **OLD 808 and 807**	• Single packagings are not permitted • Metal packaging must be corrosion resistant or with protection against corrosion. • Glass or earthenware inner packagings are permitted if the substance is free from hydrofluoric acid. • For UN2031 metal inner packagings are not permitted and PPR 13. • OUTER QUANTITY – 1 L
				PLASTIC	1 L		
				METAL (IP.3, IP3A)	1 L		

PG II	NONE, 3, 4.3, 5.1, 6.1	PAX	LIQUIDS	GLASS PLASTIC METAL (IP.3)	1 L 1 L 1 L	809 **OLD 809**	• Single packagings are not permitted • Metal packaging must be corrosion resistant or with protection against corrosion.. • Glass or earthenware inner packagings are permitted if the substance is free from hydrofluoric acid. • PPR 13 • For UN1740, UN1768, UN1790, UN2439, UN2817, UN3421, and UN3471 glass or earthenware inner packagings are not permitted. • OUTER QUANTITY – 1 L
PG I	NONE, 3, 4.2, 4.3, 5.1, 6.1, 3 + 6.1	CAO	LIQUIDS	GLASS PLASTIC METAL (IP.3)	1 L 1 L 1 L	809A **OLD 809 AND 813**	• Single packagings are not permitted • Metal packaging must be corrosion resistant or with protection against corrosion. • Glass or earthenware inner packagings are permitted if the substance is free from hydrofluoric acid. • PPR 13 • For UN1740, UN1768, UN2439, UN2817, UN3421, and UN3471 glass or earthenware inner packagings are not permitted. • OUTER QUANTITY – 1 L AND 2.5 L
PG I	NONE, 4.1, 4.2, 4.3, 5.1, 6.1	PAX	SOLIDS	GLASS PLASTIC METAL (IP.3)	.5 kg .5 kg .5 kg	810 **OLD 810**	• Single packagings are not permitted • Metal packaging must be corrosion resistant or with protection against corrosion. • OUTER QUANTITY – 1 KG
PG I	NONE, 4.1, 4.2, 4.3, 5.1, 6.1	CAO	SOLIDS	GLASS PLASTIC METAL (IP.3, IP3A)	1 kg 2.5 kg 2.5 kg	811 **OLD 811**	• Metal packaging must be corrosion resistant or with protection against corrosion. • OUTER QUANTITY – 15 KG AND 25
PG II	NONE, 3, 4.2, 6.1, 3 + 6.1	CAO	LIQUIDS	GLASS PLASTIC METAL (IP.3, IP3A)	2.5 L 2.5 L 2.5 L	812 **OLD 812**	• Metal packaging must be corrosion resistant or with protection against corrosion. • Glass or earthenware inner packagings are permitted if the substance is free from hydrofluoric acid. • OUTER QUANTITY - 30 L AND 60 L
PG II	NONE, 3, 4.3, 5.1, 6.1	CAO	LIQUIDS	GLASS PLASTIC METAL (IP.3)	2.5 L 2.5 L 2.5 L	813 **OLD 813**	• Metal packaging must be corrosion resistant or with protection against corrosion.. • Glass or earthenware inner packagings are permitted if the substance is free from hydrofluoric acid. • PPR 13 • OUTER QUANTITY – 5 L AND 30 L

PG II	NONE, 4.1, 4.2, 4.3, 5.1, 6.1	PAX	SOLIDS	GLASS PLASTIC METAL (IP.3, IP3A) Plastic bag	1 kg 2.5 kg 2.5 kg 1 kg	814 **OLD 814 and 815**	• Metal packaging must be corrosion resistant or with protection against corrosion. • Glass or earthenware inner packagings are permitted if the substance is free from hydrofluoric acid. • Single packagings are not permitted. • OUTER QUANTITY - 15 KG
PG II	NONE, 4.1, 4.2, 4.3, 5.1, 6.1	CAO	SOLIDS	GLASS PLASTIC METAL (IP.3, IP3A) Plastic bag	2.5 kg 5 kg 5 kg 2.5 kg	816 **OLD 816 and 817 and 819 and 822**	• Metal packaging must be corrosion resistant or with protection against corrosion. • Glass or earthenware inner packagings are permitted if the substance is free from hydrofluoric acid. • OUTER QUANTITY – 50 KG
PG III	NONE, 6.1	PAX	LIQUIDS	GLASS PLASTIC METAL (IP.3/3A)	2.5 L 2.5 L 5 L	818 **OLD 818 and 819**	• Metal packaging must be corrosion resistant or with protection against corrosion.. • Glass or earthenware inner packagings are permitted if the substance is free from hydrofluoric acid. • For UN1787, UN1788, UN1789, UN1908, UN2564 glass inner packagings must be packed in tightly closed metal or rigid plastic receptacles before packing in outer packagings. • Single packagings are not permitted • OUTER QUANTITY – 5 L
PG III	NONE, 6.1	CAO	LIQUIDS	GLASS PLASTIC METAL (IP.3 & 3A)	5 L 5 L 10 L	820 **OLD 820 and 821 and 813**	• Metal packaging must be corrosion resistant or with protection against corrosion. • Glass or earthenware inner packagings are permitted if the substance is free from hydrofluoric acid. • For UN1787, UN1788, UN1789, UN1908, UN2564 glass inner packagings must be packed in tightly closed metal or rigid plastic receptacles before packing in outer packagings. • OUTER QUANTITY – 60 KG
PG III	NONE, 6.1	PAX	SOLIDS	GLASS PLASTIC METAL (IP.3, IP3A) Plastic bag	2.5 kg 2.5 kg 5 kg 2.5 kg	822 **OLD 822 AND 825**	• Metal packaging must be corrosion resistant or with protection against corrosion. • Glass or earthenware inner packagings are permitted if the substance is free from hydrofluoric acid. • Single packagings are not permitted • OUTER QUANTITY – 25 KG
PG III	NONE, 6.1	CAO	SOLIDS	GLASS PLASTIC METAL (IP.3, IP3A) Plastic bag	5 kg 5 kg 10 kg 5.0 kg	823 **OLD 826 AND 823**	• Metal packaging must be corrosion resistant or with protection against corrosion. • Glass or earthenware inner packagings are permitted if the substance is free from hydrofluoric acid. • Glass or earthenware inner

							packagings are permitted if the substance is free from hydrofluoric acid.

3

ADDITIONAL PACKAGING REQUIREMENTS

PASSENGER AIRCRAFT LIQUIDS

PG I

- NO CLASS 4 OR 5
- SINGLE PACKAGINGS NOT PERMITTED FOR CLASS 3, 6 AND 8.
- PLASTIC PACKAGINGS NOT PERMITTED FOR CLASS 3.
- GLASS OR EARTHENWARE INNER PACKAGINGS MUST BE PACKED WITH ABSORBENT MATERIAL AND PLACED IN A LEAKPROOF RECEPTACLE BEFORE PACKING IN OUTER PACKAGINGS.
- PLASTIC AND METAL INNER PACKAGINGS MUST BE PLACED IN A LEAKPROOF LINER, PLASTIC BAG OR OTHER EQUALLY EFFICIENT MEANS OF INTERMEDIATE LEAKPROOF CONTAINMENT.
- METAL PACKAGINGS MUST BE CORROSION-RESISTANT OR WITH PROTECTION AGAINST CORROSION FOR SUBSTANCES IN CLASS 8 OR CLASS 8 SUBSIDIARY RISK.
- GLASS EARTHENWARE INNER PACKAGINGS ARE PERMITTED IF THE SUBSTANCE IS FREE FROM HYDROFLUORIC ACID FOR CLASS 8 MATERIALS.

PG II

- SINGLE PACKAGINGS NOT PERMITTED FOR CLASS 3, 4, 5, 6 AND 8.
- GLASS OR EARTHENWARE INNER PACKAGINGS MUST BE PACKED WITH ABSORBENT MATERIAL AND PLACED IN A LEAKPROOF RECEPTACLE BEFORE PACKING IN OUTER PACKAGINGS.
- PLASTIC AND METAL INNER PACKAGINGS MUST BE PLACED IN A LEAKPROOF LINER, PLASTIC BAG OR OTHER EQUALLY EFFICIENT MEANS OF INTERMEDIATE LEAKPROOF CONTAINMENT.
- METAL PACKAGINGS MUST BE CORROSION-RESISTANT OR WITH PROTECTION AGAINST CORROSION FOR SUBSTANCES IN CLASS 8 OR CLASS 8 SUBRISK FOR CLASS 3 AND 5.
- GLASS EARTHENWARE INNER PACKAGINGS ARE PERMITTED IF THE SUBSTANCE IS FREE FROM HYDROFLUORIC ACID FOR CLASS 8 MATERIALS.

PG III

- SINGLE PACKAGINGS NOT PERMITTED FOR CLASS 5 AND 8.
- SINGLE PACKAGINGS PERMITTED FOR CLASS 3, 4 AND 6.
- PACKAGINGS FOR CLASS 3, 4 AND 5 MUST MEET THE PACKING GROUP II PERFORMANCE REQUIREMENTS.
- FOR COMBINATION PACKAGES, ALL INNER PACKAGINGS MUST BE PLACED IN A PLASTIC BAG OR OTHER EQUALLY EFFICIENT MEANS OF PROTECTION.
- METAL PACKAGINGS MUST BE CORROSION-RESISTANT OR WITH PROTECTION AGAINST CORROSION FOR SUBSTANCES IN CLASS 8.
- GLASS EARTHENWARE INNER PACKAGINGS ARE PERMITTED IF THE SUBSTANCE IS FREE FROM HYDROFLUORIC ACID FOR CLASS 8 MATERIALS.

CARGO AIRCRAFT LIQUIDS

PG I

- SINGLE PACKAGINGS NOT PERMITTED FOR CLASS 4, 5 AND 8.
- SINGLE PACKAGINGS PERMITTED FOR CLASS 3 AND 6.
- PLASTIC PACKAGINGS NOT PERMITTED FOR CLASS 3 AND 4.
- GLASS OR EARTHENWARE INNER PACKAGINGS MUST BE PACKED WITH ABSORBENT MATERIAL AND PLACED IN A LEAKPROOF RECEPTACLE BEFORE PACKING IN OUTER PACKAGINGS.
- FOR COMBINATION PACKAGES, PLASTIC AND METAL INNER PACKAGINGS MUST BE PLACED IN A LEAKPROOF LINER, PLASTIC BAG OR OTHER EQUALLY EFFICIENT MEANS OF INTERMEDIATE LEAKPROOF CONTAINMENT.
- METAL PACKAGINGS MUST BE CORROSION-RESISTANT OR WITH PROTECTION AGAINST CORROSION FOR SUBSTANCES IN CLASS 8 OR CLASS 8 SUBSIDIARY RISK.
- GLASS EARTHENWARE INNER PACKAGINGS ARE PERMITTED IF THE SUBSTANCE IS FREE FROM HYDROFLUORIC ACID FOR CLASS 8 MATERIALS.

PG II

- SINGLE PACKAGINGS NOT PERMITTED FOR CLASS 4 AND 5
- SINGLE PACKAGINGS PERMITTED FOR CLASS 3, 6 AND 8.
- GLASS OR EARTHENWARE INNER PACKAGINGS MUST BE PACKED WITH ABSORBENT MATERIAL AND PLACED IN A LEAKPROOF RECEPTACLE BEFORE PACKING IN OUTER PACKAGINGS.
- FOR COMBINATION PACKAGES, ALL INNER PACKAGINGS MUST BE PLACED IN A LEAKPROOF LINER, PLASTIC BAG OR OTHER EQUALLY EFFICIENT MEANS OF INTERMEDIATE LEAKPROOF CONTAINMENT.
- METAL PACKAGINGS MUST BE CORROSION-RESISTANT OR WITH PROTECTION AGAINST CORROSION FOR SUBSTANCES IN CLASS 8.
- GLASS EARTHENWARE INNER PACKAGINGS ARE PERMITTED IF THE SUBSTANCE IS FREE FROM HYDROFLUORIC ACID FOR CLASS 8 MATERIALS.

PG III

- SINGLE PACKAGINGS ARE PERMITTED FOR CLASS 3, 4, 5, 6 AND 8.
- PACKAGINGS FOR CLASS 3, 4 AND 5 MUST MEET THE PACKING GROUP II PERFORMANCE REQUIREMENTS.
- FOR COMBINATION PACKAGES, ALL INNER PACKAGINGS MUST BE PLACED IN A PLASTIC BAG OR OTHER EQUALLY EFFICIENT MEANS OF PROTECTION.
- METAL PACKAGINGS MUST BE CORROSION-RESISTANT OR WITH PROTECTION AGAINST CORROSION FOR SUBSTANCES IN CLASS 8.
- GLASS EARTHENWARE INNER PACKAGINGS ARE PERMITTED IF THE SUBSTANCE IS FREE FROM HYDROFLUORIC ACID FOR CLASS 8 MATERIALS.

PASSENGER AIRCRAFT SOLIDS

PG I

- SINGLE PACKAGINGS NOT PERMITTED FOR CLASS 5, 6 AND 8.
- CLASS 4 PGI ONLY FOR WETTED EXPOLOSIVES.
- GLASS OR EARTHENWARE INNER PACKAGINGS MUST BE PACKED IN OUTER PACKAGING WITH SUFFICIENT CUSHIONING MATERIAL TO PREVENT BREAKAGE.
- METAL PACKAGINGS MUST BE CORROSION-RESISTANT OR WITH PROTECTION AGAINST CORROSION FOR SUBSTANCES IN CLASS 8 OR CLASS 8 SUBSIDIARY RISK.
- GLASS EARTHENWARE INNER PACKAGINGS ARE PERMITTED IF THE SUBSTANCE IS FREE FROM HYDROFLUORIC ACID FOR CLASS 8 MATERIALS.
- FOR 4.3, 5.1 AND WETTED SUBSTANCES WHERE THE OUTER PACKAGING IS NOT LEAKPROOF, A LEAKPROOF LINER OR EQUALLY EFFICIENT MEANS OF INTERMEDIATE LEAKPROOF CONTAINMENT MUST BE PROVIDED.

PG II

- SINGLE PACKAGINGS NOT PERMITTED FOR CLASS 4, 5, 6 AND 8.
- GLASS OR EARTHENWARE INNER PACKAGINGS MUST BE PACKED IN OUTER PACKAGING WITH SUFFICIENT CUSHIONING MATERIAL TO PREVENT BREAKAGE.
- METAL PACKAGINGS MUST BE CORROSION-RESISTANT OR WITH PROTECTION AGAINST CORROSION FOR SUBSTANCES IN CLASS 8 OR CLASS 8 SUBSIDIARY RISK.
- GLASS EARTHENWARE INNER PACKAGINGS ARE PERMITTED IF THE SUBSTANCE IS FREE FROM HYDROFLUORIC ACID FOR CLASS 8 MATERIALS.
- FOR 4.3, 5.1 AND WETTED SUBSTANCES WHERE THE OUTER PACKAGING IS NOT LEAKPROOF, A LEAKPROOF LINER OR EQUALLY EFFICIENT MEANS OF INTERMEDIATE LEAKPROOF CONTAINMENT MUST BE PROVIDED.

PG III

- SINGLE PACKAGINGS NOT PERMITTED FOR CLASS 4, 5, AND 8.
- METAL PACKAGINGS MUST BE CORROSION-RESISTANT OR WITH PROTECTION AGAINST CORROSION FOR SUBSTANCES IN CLASS 8.
- GLASS EARTHENWARE INNER PACKAGINGS ARE PERMITTED IF THE SUBSTANCE IS FREE FROM HYDROFLUORIC ACID FOR CLASS 8 MATERIALS.
- FOR 4.3, 5.1 AND WETTED SUBSTANCES WHERE THE OUTER PACKAGING IS NOT LEAKPROOF, A LEAKPROOF LINER OR EQUALLY EFFICIENT MEANS OF INTERMEDIATE LEAKPROOF CONTAINMENT MUST BE PROVIDED.
- PACKAGINGS FOR CLASS 4 AND 5 MUST MEET LEVEL II PERFORMANCE STANDARDS.

CARGO AIRCRAFT SOLIDS

PG I

- SINGLE PACKAGINGS PERMITTED FOR CLASS 4, 5, 6 AND 8.
- GLASS OR EARTHENWARE INNER PACKAGINGS MUST BE PACKED IN OUTER PACKAGING WITH SUFFICIENT CUSHIONING MATERIAL TO PREVENT BREAKAGE.
- METAL PACKAGINGS MUST BE CORROSION-RESISTANT OR WITH PROTECTION AGAINST CORROSION FOR SUBSTANCES IN CLASS 8 OR CLASS 8 SUBSIDIARY RISK.
- GLASS EARTHENWARE INNER PACKAGINGS ARE PERMITTED IF THE SUBSTANCE IS FREE FROM HYDROFLUORIC ACID FOR CLASS 8 MATERIALS.
- FOR 4.3, 5.1 AND WETTED SUBSTANCES WHERE THE OUTER PACKAGING IS NOT LEAKPROOF, A LEAKPROOF LINER OR EQUALLY EFFICIENT MEANS OF INTERMEDIATE LEAKPROOF CONTAINMENT MUST BE PROVIDED.

PG II

- SINGLE PACKAGINGS PERMITTED FOR CLASS 4, 5, 6 AND 8.
- GLASS OR EARTHENWARE INNER PACKAGINGS MUST BE PACKED IN OUTER PACKAGING WITH SUFFICIENT CUSHIONING MATERIAL TO PREVENT BREAKAGE.
- METAL PACKAGINGS MUST BE CORROSION-RESISTANT OR WITH PROTECTION AGAINST CORROSION FOR SUBSTANCES IN CLASS 8 OR CLASS 8 SUBSIDIARY RISK.
- GLASS EARTHENWARE INNER PACKAGINGS ARE PERMITTED IF THE SUBSTANCE IS FREE FROM HYDROFLUORIC ACID FOR CLASS 8 MATERIALS.
- FOR 4.3, 5.1 AND WETTED SUBSTANCES WHERE THE OUTER PACKAGING IS NOT LEAKPROOF, A LEAKPROOF LINER OR EQUALLY EFFICIENT MEANS OF INTERMEDIATE LEAKPROOF CONTAINMENT MUST BE PROVIDED.

PG III

- SINGLE PACKAGINGS PERMITTED FOR CLASS 4, 5, 6 AND 8.
- PACKAGINGS FOR CLASS 4 AND 5 MUST MEET LEVEL II PERFORMANCE STANDARDS.
- METAL PACKAGINGS MUST BE CORROSION-RESISTANT OR WITH PROTECTION AGAINST CORROSION FOR SUBSTANCES IN CLASS 8 MATERIALS.
- GLASS EARTHENWARE INNER PACKAGINGS ARE PERMITTED IF THE SUBSTANCE IS FREE FROM HYDROFLUORIC ACID FOR CLASS 8 MATERIALS.
- FOR 4.3, 5.1 AND WETTED SUBSTANCES WHERE THE OUTER PACKAGING IS NOT LEAKPROOF, A LEAKPROOF LINER OR EQUALLY EFFICIENT MEANS OF INTERMEDIATE LEAKPROOF CONTAINMENT MUST BE PROVIDED.

ALL PACKING INSTRUCTIONS:

- THE GENERAL PACKING REQUIREMENTS OF PART 4, CHAPTER 1 MUST BE MET.
- SUBSTANCES MUST BE COMPATABLE WITH THEIR PACKAGINGS AS REQUIRED BY 4; 1.1.3.