



WORKING PAPER

DANGEROUS GOODS PANEL (DGP)

TWENTIETH MEETING

Montréal, 24 October to 4 November 2005

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

METHYL ETHYL KETONE AND ETHYL METHYL KETONE

(Presented by H. Okayama)

1. INTRODUCTION

1.1 **Methyl ethyl ketone** has the same UN Number of UN 1193 as the substance of **Ethyl methyl ketone** and these two substances have the same chemical symbol of $\text{CH}_3\text{COC}_2\text{H}_5$, which has the flash point of -7°C (closed-cup) and the boiling point of 79.6°C according to a chemical dictionary at hand. Both of these are prescribed in the Table 3-1, Dangerous Goods List as follows.

Ethyl methyl ketone, UN 1193, Class 3, Liquid flammable, PG II, Y305/1L 305/5L 307/60L

Methyl ethyl ketone, UN 1193, Class 3, Liquid flammable, PG II, Y305/1L 305/5L 307/60L

2. PROPOSAL

2.1 Since these two proper shipping names are exactly the same substance, it is necessary to be concentrated into one proper shipping name of either **Methyl ethyl ketone** or **Ethyl methyl ketone**. It is proposed to change the description of the entries in the Dangerous Goods List as follows, according to the content of the UN Recommendations.

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