

Committee of Experts on the Transport of Dangerous Goods and on the Globally Harmonized System of Classification and Labelling of Chemicals

Sub-Committee of Experts on the Transport of Dangerous Goods

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Item 3 of the provisional agenda

Listing, classification and packing

Amendments to 2.0.3.1(g) footnote 3, 2.6.2.2.4.1 note and 2.8.2.4 on the precedence of hazard

Transmitted by the expert from the Republic of Korea

Introduction

1. It is stipulated as follows for a class and division, subsidiary hazard(s) assignment of dangerous goods meeting the defining criteria of more than one hazard class or division:

“2.0.1.6 Dangerous goods meeting the defining criteria of more than one hazard class or division and which are not listed by name in the Dangerous Goods List, are assigned to a class and division, its subsidiary hazards(s) on the basis of the precedence of hazard in 2.0.3.”

2. In 2.0.3.1 of the Model Regulations, the hazard characteristics that always take precedence over other risks are specified, and among them, the precedence of hazard characteristics of substances or preparations that satisfy the criteria of class 8 having an inhalation toxicity of dust and mist in the range of packaging group I is determined by referring not only 2.0.3.1(g), but also 2.6.2.2.4.1 note and 2.8.2.4.

“2.0.3.1(g) Substances of Division 6.1 with a packing group I inhalation toxicity³

footnote 3 Except for substances or preparations meeting the criteria of Class 8 having an inhalation toxicity of dusts and mists (LC_{50}) in the range of packing group I, but toxicity through oral ingestion or dermal contact only in the range of packing group III or less which shall be allocated to Class 8.”

“2.6.2.2.4.1 note substances meeting the criteria of Class 8 and with an inhalation toxicity of dust and mists (LC_{50}) leading to packing group I are only accepted for an allocation to Division 6.1 if the toxicity through oral ingestion or dermal contact is at least in the range of packing group I or II. Otherwise an allocation to Class 8 is made when appropriate (see 2.8.2.4).”

“2.8.2.4 A substance or mixture meeting the criteria of Class 8 having an inhalation toxicity of dusts and mists (LC_{50}) in the range of packing group I, but toxicity through oral ingestion or dermal contact only in the range of packing group III or less, shall be allocated to Class 8 (see Note under 2.6.2.2.4.1).”

3. As such, substances or preparations meeting the criteria of class 8 having an inhalation toxicity of dust and mist in the range of packaging group I shall see all three provisions. However, it is difficult to understand the relevant information at a glance because each

provision is not grouped together and scattered individually. Therefore, it may lead to misinterpretation for the user.

4. Accordingly, the expert from the Republic of Korea proposes the following in relation to the precedence of hazard characteristics of substances or preparations meeting the criteria of class 8 having an inhalation toxicity of dust and mist in the range of packaging group I.

Proposal

5. The provision describing the precedence of hazard characteristics in the Model Regulations is 2.0.3.

Option 1

6. The contents of 2.6.2.2.4.1 note and 2.8.2.4 are reflected in footnote 3 of 2.0.3.1(g) and amended as follows (new text is underlined, deleted text in ~~strikethrough~~):

Amend footnote 3 to 2.0.3.1(g) Substances of Division 6.1 with a packing group I inhalation toxicity³, as follows (new text is underlined, delete text in ~~strikethrough~~):

~~“Except for s~~Substances or preparations meeting the criteria of Class 8 having an inhalation toxicity of dusts and mists (LC_{50}) in the range of packing group I, if the toxicity through oral ingestion or dermal contact are in the range of packing group I or II, shall be allocated to Class 6.1 as primary class, but toxicity through oral ingestion or dermal contact only in the range of packing group III or less shall be allocated to Class 8 as primary class.”

7. Delete the note to 2.6.2.2.4.1 (deleted text in ~~strikethrough~~):

~~“NOTE: —Substances meeting the criteria of Class 8 and with an inhalation toxicity of dust and mists (LC_{50}) leading to packing group I are only accepted for an allocation to Division 6.1 if the toxicity through oral ingestion or dermal contact is at least in the range of packing group I or II. Otherwise an allocation to Class 8 is made when appropriate (see 2.8.2.4).”~~

8. Delete 2.8.2.4 (deleted text in ~~strikethrough~~):

~~“2.8.2.4 — substance or mixture meeting the criteria of Class 8 having an inhalation toxicity of dusts and mists (LC_{50}) in the range of packing group I, but toxicity through oral ingestion or dermal contact only in the range of packing group III or less, shall be allocated to Class 8 (see Note under 2.6.2.2.4.1).”~~

Option 2

9. The contents of 2.6.2.2.4.1 note and 2.8.2.4 are reflected in footnote 3 of 2.0.3.1(g) and amended as follows for clarification (new text is underlined, delete text in ~~strikethrough~~):

Amend footnote 3 to 2.0.3.1(g) Substances of Division 6.1 with a packing group I inhalation toxicity³, as follows (new text is underlined, delete text in ~~strikethrough~~):

~~“Except for s~~Substances or preparations meeting the criteria of Class 8 having an inhalation toxicity of dusts and mists (LC_{50}) in the range of packing group I, if the toxicity through oral ingestion or dermal contact are in the range of packing group I or II, shall be allocated to Class 6.1 as primary class, but toxicity through oral ingestion or dermal contact only in the range of packing group III or less shall be allocated to Class 8 as primary class (see Note under 2.6.2.2.4.1 and 2.8.2.4).”

10. Amend the note in 2.6.2.2.4.1 as follows (new text is underlined):

“NOTE: Substances meeting the criteria of Class 8 and with an inhalation toxicity of dust and mists (LC_{50}) leading to packing group I are only accepted for an allocation to Division 6.1 as primary class if the toxicity through oral ingestion or dermal contact is at least in the range of packing group I or II. Otherwise an allocation to Class 8 as primary class is made when appropriate (see 2.6.2.2.4.1(g) footnote 3 and 2.8.2.4).”

11. Amend 2.8.2.4 as follows (new text is underlined):

“2.8.2.4 A substance or mixture meeting the criteria of Class 8 having an inhalation toxicity of dusts and mists (LC_{50}) in the range of packing group I, but toxicity through oral ingestion or dermal contact only in the range of packing group III or less, shall be allocated to Class 8 as primary class (see 2.6.2.2.4.1(g) footnote 3 and Note under 2.6.2.2.4.1).”
