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Item 5 (b) of the provisional agenda

Proposals for amendments to RID/ADR/ADN: new proposals

Alignment of the ADR/RID/ADN Table of Precedence with the Model Regulations

Transmitted by the expert from the United Kingdom¹ ²

Introduction

1. In accordance with point 2.1.3.5.4 of ADR/RID/ADN, the relevant class for substances with hazard characteristics which fall within more than one class or group of substances not listed in 2.1.3.5.3 shall be selected in accordance with the precedence of hazards table in 2.1.3.10.
2. The United Nations Model Regulations contain equivalent text (point 2.0.3), as do the IMDG Code and the ICAO TIs.
3. There is however a difference between the contents of table of precedence as included in ADR/RID/ADN and that of the version appearing in the Model Regulations, IMDG Code and ICAO TIs: the first gives a column for class 9 while the latter does not. The reason for this difference, which predates restructuring of the regulations in 2001, is not clear.
4. Substances can only be classified as class 9 if they ‘present a danger not covered by the heading of other classes’ (2.2.9.1.1.). This means that no class 9 substance can ever

¹ In accordance with the programme of work of the Inland Transport Committee for 2010-2014 (ECE/TRANS/208, para.106, ECE/TRANS/2010/8, programme activity 02.7(c)).

² Circulated by the Intergovernmental Organisation for International Carriage by Rail (OTIF) under the symbol OTIF/RID/RC/2013/24.

have a subsidiary risk of another class: if a substance article is shown to have the properties of another class, it has to be placed under that class.

5. Conversely, Class 9 is never given as a subsidiary risk of any other class in the dangerous goods list. This is not given as an option within the listed subdivisions for any other class.

6. The inclusion of a 'Class 9' column in the ADR/RID/ADN table of precedence could however give rise to the mistaken impression that it can be designated as a subsidiary hazard. This has never been the case, and confusion may also arise when multimodal shipments are undertaken.

7. Given this situation, it is proposed to align the ADR/RID/ADN table with that in the Model Regulations.

Proposal

8. Amend the table of precedence at 2.1.3.10 by deleting the column referring to Class 9, as shown at Annex , to harmonise with the other regulations.

Annex

2.1.3.10 Table of precedence of hazards

Class and packing group	4.1, II	4.1, III	4.2, II	4.2, III	4.3, I	4.3, II	4.3, III	5.1, I	5.1, II	5.1, III	6.1, I DERMAL	6.1, I ORAL	6.1, II	6.1, III	8, I	8, II	8, III	9
3, I	SOL LIQ 4.1 3, I	SOL LIQ 4.1 3, I	SOL LIQ 4.2 3, I	SOL LIQ 4.2 3, I	4.3, I	4.3, I	4.3, I	SOL LIQ 5.1, I 3, I	SOL LIQ 5.1, I 3, I	SOL LIQ 5.1, I 3, I	3, I	3, I	3, I	3, I	3, I	3, I	3, I	3, I
3, II	SOL LIQ 4.1 3, II	SOL LIQ 4.1 3, II	SOL LIQ 4.2 3, II	SOL LIQ 4.2 3, II	4.3, I	4.3, II	4.3, II	SOL LIQ 5.1, I 3, I	SOL LIQ 5.1, II 3, II	SOL LIQ 5.1, II 3, II	3, I	3, I	3, II	3, II	8, I	3, II	3, II	3, II
3, III	SOL LIQ 4.1 3, II	SOL LIQ 4.1 3, III	SOL LIQ 4.2 3, II	SOL LIQ 4.2 3, III	4.3, I	4.3, II	4.3, III	SOL LIQ 5.1, I 3, I	SOL LIQ 5.1, II 3, II	SOL LIQ 5.1, III 3, III	6.1, I	6.1, I	6.1, II	3, III ^a	8, I	8, II	3, III	3, III
4.1, II			4.2, II	4.2, II	4.3, I	4.3, II	4.3, II	5.1, I	4.1, II	4.1, II	6.1, I	6.1, I	SOL LIQ 4.1, II 6.1, II	SOL LIQ 4.1, II 6.1, II	8, I	SOL LIQ 4.1, II 8, II	SOL LIQ 4.1, II 8, II	4.1, II
4.1, III			4.2, II	4.2, III	4.3, I	4.3, II	4.3, III	5.1, I	4.1, II	4.1, III	6.1, I	6.1, I	6.1, II	SOL LIQ 4.1, III 6.1, III	8, I	8, II	SOL LIQ 4.1, III 8, III	4.1, III
4.2, II					4.3, I	4.3, II	4.3, II	5.1, I	4.2, II	4.2, II	6.1, I	6.1, I	4.2, II	4.2, II	8, I	4.2, II	4.2, II	4.2, II
4.2, III					4.3, I	4.3, II	4.3, III	5.1, I	5.1, II	4.2, III	6.1, I	6.1, I	6.1, II	4.2, III	8, I	8, II	4.2, III	4.2, III
4.3, I								5.1, I	4.3, I	4.3, I	6.1, I	4.3, I	4.3, I	4.3, I	4.3, I	4.3, I	4.3, I	4.3, I
4.3, II								5.1, I	4.3, II	4.3, II	6.1, I	4.3, I	4.3, II	4.3, II	8, I	4.3, II	4.3, II	4.3, II
4.3, III								5.1, I	5.1, II	4.3, III	6.1, I	6.1, I	6.1, II	4.3, III	8, I	8, II	4.3, III	4.3, III
5.1, I											5.1, I	5.1, I	5.1, I	5.1, I	5.1, I	5.1, I	5.1, I	5.1, I
5.1, II											6.1, I	5.1, I	5.1, II	5.1, II	8, I	5.1, II	5.1, II	5.1, II
5.1, III											6.1, I	6.1, I	6.1, II	5.1, III	8, I	8, II	5.1, III	5.1, III
6.1, I DERMAL															SOL LIQ 6.1, I 8, I	6.1, I	6.1, I	6.1, I
6.1, I ORAL															SOL LIQ 6.1, I 8, I	6.1, I	6.1, I	6.1, I
6.1, II INHAL															SOL LIQ 6.1, I 8, I	6.1, II	6.1, II	6.1, II
6.1, II DERMAL															SOL LIQ 6.1, I 8, I	SOL LIQ 6.1, II 8, II	6.1, II	6.1, II

Class and packing group	4.1, II	4.1, III	4.2, II	4.2, III	4.3, I	4.3, II	4.3, III	5.1, I	5.1, II	5.1, III	6.1, I DERMAL	6.1, I ORAL	6.1, II	6.1, III	8, I	8, II	8, III	9
6.1, II ORAL			SOL = Solid substances and mixtures												8, I	SOL LIQ	6.1, II	6.1, II
6.1, III			LIQ = Liquid substances, mixtures and solutions												8, I	6.1, II 8, II	8, III	6.1, III
8, I			DERMAL = Dermal toxicity															8, I
8, II			ORAL = Oral toxicity															8, II
8, III			INHAL = Inhalation toxicity															8, III
			* Class 6.1 for pesticides															8, I
																		8, II
																		8, III