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**ECONOMIC COMMISSION FOR EUROPE**

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**Working Party on the Transport of Dangerous Goods**

**Joint Meeting of the RID Safety Committee and the  
Working Party on the Transport of Dangerous Goods  
(Bern, 28 May – 1 June 2001)**

**PART 2**

**Note by the Secretariat \*/**

This document contains proposed amendments to Part 2 of the restructured RID/ADR for harmonization with the 12<sup>th</sup> revised edition of the United Nations Recommendations on the Transport of Dangerous Goods, Model Regulations, on the basis of the decisions of the Committee of Experts on the Transport of Dangerous Goods at its twenty-first session, (Geneva, 4-13 December 2000) (See ST/SG/AC.10/27 and addenda 1 and 2).

**Chapter 2.1**

2.1.1.3 Amend to read as follows:

"2.1.1.3 For packing purposes, substances other than those of Classes 1, 2, 5.2, 6.2 and 7, and other than self-reactive substances of Class 4.1 are assigned to three packing groups in accordance with the degree of danger they present:

Packing group I: Substances presenting high danger;  
Packing group II: Substances presenting medium danger; and  
Packing group III: Substances presenting low danger.

The packing group to which a substance is assigned is indicated in Table A of Chapter 3.2".

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**\*/** Circulated by the Central Office for International Carriage by Rail (OCTI) under the symbol OCTI/RID/GT/III/2001/21.

2.1.4.1 In the first sentence of the third paragraph and in the first example the word "sample" shall be in upper case to read as follows:

"... shall be supplemented with the word "SAMPLE" (e.g., FLAMMABLE LIQUID, N.O.S., SAMPLE )"

## Chapter 2.2

2.2.2.1.1 Add a new NOTE to read:

*"NOTE 4: Carbonated beverages are not subject to RID/ADR."*

2.2.2.1.2 Amend to read as follows:

"The substances and articles of Class 2 are subdivided as follows:

1. *Compressed gas:* a gas which when packaged under pressure for carriage is entirely gaseous at -50 °C; this category includes all gases with a critical temperature less than or equal to -50 °C;
2. *Liquefied gas:* a gas which when packaged under pressure for carriage is partially liquid at temperatures above -50 °C. A distinction is made between:
  - High pressure liquefied gas:* a gas with a critical temperature between -50 °C and +65 °C, and
  - Low pressure liquefied gas:* a gas with a critical temperature above +65 °C;
3. *Refrigerated liquefied gas:* a gas which when packaged for carriage is made partially liquid because of its low temperature; or
4. *Dissolved gas:* a gas which when packaged under pressure for carriage is dissolved in a liquid phase solvent.
5. Aerosol dispensers and receptacles, small, containing gas (gas cartridges);
6. Other articles containing gas under pressure;
7. Non-pressurized gases subject to special requirements (gas samples)."

2.2.2.1.3 Amend Note 2 to read as follows:

*"NOTE 2: For UN 1950 AEROSOLS, see also the criteria in special provision 63 and for UN 2037 RECEPTACLES, SMALL, CONTAINING GAS (GAS CARTRIDGES) see also special provision 303."*

2.2.41.4 Add a new Note 1 to read:

*"NOTE 1: The classification given in this table is based on the technically pure substance (except where a concentration of less than 100 % is specified). For other concentrations, the substance may be classified differently following the procedures given in Part II of the Manual of Tests and Criteria and in 2.2.41.1.17.*

Amend the existing Note to read as follows:

*"NOTE 2: The codes "OP1 to "OP8" shown in this column refer to packing methods in packing instruction P520; (see also 4.1.7.1)."*

Add the following entries:

SELF-REACTIVE SUBSTANCE	Concentration (%)	Packing method	Control temperature (°C)	Emergency temperature (°C)	UN generic entry	Remarks
2-DIAZO-1-NAPHTHOL SULPHONIC ACID ESTER MIXTURE, TYPE D	< 100%	OP7			3226	(9)
2,5-DIETHOXY-4-(4-MORPHOLINYL)-BENZENEDIAZONIUM SULPHATE	100%	OP7			3226	
4-(DIMETHYLAMINO)-BENZENEDIAZONIUM TRICHLOROZINCATE (-1)	100%	OP8			3228	
2,5-DIBUTOXY-4-(4-MORPHOLINYL)-BENZENEDIAZONIUM, TETRACHLOROZINCATE (2:1)	100%	OP8			3228	

In the list of self-reactive substances:

Under "Self-reactive substance" amend the following entries:

- For "BENZENE-1,3-DISULPHOHYDRAZIDE, as a paste" read "BENZENE-1,3-DISULPHONYL HYDRAZIDE, as a paste";
- For "BENZENE SULPHOHYDRAZIDE" read "BENZENESULPHONYL HYDRAZIDE";
- For "2-DIAZO-1-NAPHTHOL-4-SULPHOCHLORIDE" read "2-DIAZO-1-NAPHTHOL-4-SULPHONYL CHLORIDE";
- For "2-DIAZO-1-NAPHTHOL-5-SULPHOCHLORIDE" read "2-DIAZO-1-NAPHTHOL-5-SULPHONYL CHLORIDE";
- For "DIPHENYLOXIDE-4,4'-DISULPHOHYDRAZIDE" read "DIPHENYLOXIDE-4,4'-DISULPHONYL HYDRAZIDE";

Add the following new remark:

"(9) This entry applies to mixtures of esters of 2-diazo-1-naphthol-4-sulphonic acid and 2-diazo-1-naphthol-5-sulphonic acid which fulfil the criteria of paragraph 20.4.2 (d) of the *Manual of Test and Criteria*".

2.2.41.1.18 Add "3344" and "3376" to the UN Nos. listed in this paragraph and amend alphabetical index accordingly.

2.2.43.3 In the list of collective entries, under WF1, add:

"3372 ORGANOMETALLIC COMPOUND, SOLID, WATER-REACTIVE, FLAMMABLE, N.O.S.

2.2.52.4 In the list of Organic Peroxides, for each organic peroxide which has, in the column "Number (Generic entry)", the word "exempt", add in the last column "29)" as a reference to a new remark to be added at the end of the table which will read as follows:

"29) *Not subject to the requirements of RID/ADR for Class 5.2.*".

Add the following entries:

ORGANIC PEROXIDE	Conc. (%)	Diluent type A (%)	Diluent type B (%) 1)	Inert Solid (%)	Water (%)	Packing Method	Control. Temp. (°C)	Emerg. Temp. (°C)	Number (Generic entry)	Subsidiary risks and Remarks
DIISOPROPYL PEROXYDI-CARBONATE	28	72				OP7	- 15	- 5	3115	
PEROXY-ACETIC ACID, DISTILLED, TYPE F, stabilized	41					M	+ 30	+ 35	3119	13) 30)

Add a new remark at the end of the table to read as follows:

*"30) Formulation derived from distillation of peroxyacetic acid originating from peroxyacetic acid in concentration of not more than 41% with water, total active oxygen (Peroxyacetic acid+H<sub>2</sub>O<sub>2</sub>) £ 9.5%, which fulfils the criteria of the Manual of Tests and Criteria, paragraph 20.4.3 (f)."*

- 2.2.61.3 In the list of collective entries for "Toxic substances with subsidiary risk(s)",  
Under TC1, add: "3361 CHLOROSILANES, TOXIC, CORROSIVE, N.O.S."  
Under TFC, add: "3362 CHLOROSILANES, TOXIC, CORROSIVE, FLAMMABLE,  
N.O.S."

- 2.2.62.1.6 Replace the existing 2.2.62.1.6 with the following text:

*"Diagnostic specimens are any human or animal material, including, but not limited to, excreta, secreta, blood and its components, tissue and tissue fluids being carried for diagnostic or investigation purposes, but excluding live infected animals.*

Diagnostic specimens shall be assigned to UN 3373 unless the source patient or animal has or may have a serious human or animal disease which can be readily transmitted from one individual to another, directly or indirectly, and for which effective treatment and preventive measures are not usually available, in which case they shall be assigned to UN 2814 or UN 2900.

**NOTE 1:** *Blood which has been collected for the purpose of blood transfusion or for the preparation of blood products, and blood products and any tissues or organs intended for use in transplants are not subject to RID/ADR.*

**NOTE 2:** *Assignment to UN 2814 or UN 2900 shall be based on known medical history of the patient or animal, endemic local conditions, symptoms of the patient or animal, or professional judgement concerning individual circumstances of the patient or animal."*

- 2.2.62.1.8 Delete.

- 2.2.62.3 In the list of collective entries, under I1, add:

"3373 DIAGNOSTIC SPECIMENS"

- 2.2.8.1.1 At the end the first sentence, delete: ", and may also cause other hazards."

- 2.2.8.1.4 Replace the reference to footnote "6" with "(see 2.2.8.1.5)". Insert the text of footnote 6 as a new 2.2.8.1.5 and renumber the following paragraphs and footnotes accordingly.

- 2.2.9.3 In the list of collective entries, under M11, add:

"3359 FUMIGATED UNIT" and  
"3363 DANGEROUS GOODS IN MACHINERY or DANGEROUS GOODS IN APPARATUS".