

**RID/ADR Joint Meeting  
(Geneva, 14-24 September 1999)**

**Restructuring of RID/ADR:**

**Part 3, section 3.1.1  
Explanations concerning Table A of Chapter  
3.2**

**Proposal from Germany**

Following the commitment given at the last RID/ADR Joint Meeting held from 25-28 May 1999 in Berne, Germany has produced explanatory notes for the various columns of Table A of Chapter 3.2 (see also paragraph 98 of the report of the last Joint Meeting AC.1/76).

**3.1 Introduction**

The tables in Part 3 are intended to make it easier for those involved in the carriage of dangerous goods to get the information necessary for carrying goods correctly. In addition, the general provisions of Part 1 are to be observed in each case. This also applies to all the other general requirements which are not specifically mentioned in the Table and which are not amended by special provisions.

**3.1.1 Structure of Table A**

**(List of dangerous substances and articles in UN number order)**

Table A of Chapter 3.2 consists of columns and rows. As a rule, each row covers one substance or article. If the substance or article has different chemical or physical properties or is subject to special transport conditions, there may be several rows. These rows are split into [19] columns. In the cells resulting from the crossover of columns and rows, the information required is given either in the form of complete information or in coded form. The codes cross-refer to detailed information in Parts [2 to ...]. An empty cell means either that there is no special provision and that only the general provisions apply, or that some kind of transport restriction is in force (see also the explanatory notes for the various columns).

Table A has [19] columns with the following contents:

- |          |   |
|----------|---|
| Column 1 | UN Number:<br>This column contains the number assigned to the substance or article in accordance with the UN Recommendations, consisting of 4 figures which act as an identification number for substances and articles.  |
| Column 2 | Name and description of the goods:<br>This column contains the official name of the substance or article in capital letters, supplemented if need be by a descriptive text in small letters. Names may be given in plural if there are any isomers with a similar classification. Any hydrates will appear under the name of the anhydrous substance. |

Column 3a	<p>Class or division:</p> <p>This column contains the Class number and in addition for Class 1 the division and compatibility group (classification code) which are assigned to the substance or article in accordance with the procedures and criteria of paragraph 2.2.1.1.4.</p>
Column 3b	<p>Classification code:</p> <p>This column contains the classification code for classes 2, 3, 4.1, 4.2, 4.3, 5.1, 6.1, 6.2, 8 and 9; for Class 2, the codes are explained in paragraphs 2.2.2.1.2 and 2.2.2.1.3 and for the other classes the codes are explained in paragraphs 2.2.4.x.2. For Class 1, the classification code is given in column 3a. Goods of classes 5.2 and 7 do not have a classification code.</p>
Column 4	<p>Packing group:</p> <p>This column contains the packing group number (e.g. I, II or III) for each substance or article in accordance with sub-section [2.xxx]. Substances of classes 1, 2, 5.2 and 7, self-reactive substances and explosive substances in the non-explosive state of Class 4.1, “2814 infectious substance, affecting humans”, “2900 infectious substance, affecting animals”(both of risk groups III and IV), certain articles of Class 9, “3245 genetically modified micro-organisms”and “3343 nitroglycerin mixture, desensitized, liquid, flammable, n.o.s. with not more than 30% nitroglycerin, by mass” are not assigned to packing groups.</p>
Column 5	<p>Danger labels:</p> <p>This column contains the number(s) relating to the danger labels that have to be affixed to packages in accordance with the provisions of Chapter 5.2 and to containers, tank-containers and wagons/transport units in accordance with Chapter 5.3.</p>
Column 6	<p>Special provisions:</p> <p>This column contains the special provision number in accordance with Chapter 3.3. Examples of what a special provisions may contain are transport prohibitions, exemptions from requirements, explanations concerning the classification of certain forms of the dangerous goods concerned and additional packing or marking provisions. If this column is empty, no special provisions apply to the dangerous goods concerned.</p>
Column 7	<p>Exemptions/limited quantities:</p> <p>This column contains a code in accordance with Chapter 3.4 explaining under what conditions (type of packaging and quantity of the dangerous goods) the consignment is exempted from normal conditions of packing and marking. The code “LQ 0” indicates that no exemption is available for the dangerous goods concerned.</p>
Column 8	<p>Provisions concerning packagings, IBCs and large packagings:</p> <p>This column contains alphanumeric codes for the relevant packaging provision(s).</p>

- Alphanumeric codes containing the letter “**P**” are provisions for authorized packagings or receptacles (except IBCs and large packagings) which are listed in sub-section 4.1.4.1 in the order of their last number;
- Alphanumeric codes containing the letters “**IBC**” are provisions for authorized intermediate bulk containers (IBCs) which are listed in sub-section 4.1.4.2 in the order of their last number;
- Alphanumeric codes containing the letters “**LP**” are provisions for authorized large packagings which are listed in sub-section 4.1.4.3 in the order of their last number.

The packaging provisions determine whether the general provisions of sections 4.1.1, 4.1.2 and 4.1.3 or the special provisions of sections 4.1.5, 4.1.6, 4.1.7, 4.1.8 and 4.1.9 have to be met.

Carriage in the appropriate type of packaging, IBC or large packaging is only allowed if this column contains one or more alphanumeric codes. If, for example, this column does not contain a code with the letters “**LP**”, the dangerous goods concerned cannot be carried in large packagings. If this column does not contain a code, the dangerous goods concerned cannot be carried either in packagings, IBCs or large packagings.

#### Column 9

Special provisions for packagings, IBCs and large packagings:

This column contains alphanumeric codes for the relevant special provision(s):

- Alphanumeric codes containing the letters “**PP**” are **additional** special provisions **that have to be met** with regard to authorized packagings or receptacles (except IBCs or large packagings) listed in sub-section 4.1.4.1, after the relevant packaging provision given in column 8 (with the letter “**P**”);
- Alphanumeric codes containing the letter “**B**” are **additional** special provisions **that have to be met** with regard to authorized IBCs listed in sub-section 4.1.4.2 after the relevant packaging provision given in column 8 (with the letter “**IBC**”).
- Alphanumeric codes containing the letter “**L**” are **additional** special provisions **that have to be met** with regard to authorized large packagings listed in sub-section 4.1.4.3 after the relevant packaging provision given in column 8 (with the letters “**LP**”).

If there are no entries in this column, this means that no special provisions apply to the packagings, IBCs and large packagings in question.

#### Column 10

Tank provisions (RID/ADR tank type):

This column contains a tank code made up of four parts describing the tank type in accordance with sub-section 4.3.3.1 or 4.3.4.1 which is **the minimum**

required for carrying the substance in a tank. For the use of tank codes, see sub-section 4.3.2.1. Carriage in tanks is only allowed if a code is given.

- Column 11 Special provisions for tanks (RID/ADR):  
This column contains **additional** special provisions in the form of a code for tanks in accordance with section 4.3.5 (TUx) and 6.8.4 (TCx, TEx, TAx, TPx, TMx).
- Column 12 Portable tank provisions (UN/IMO tank type):  
This column contains a code indicating the type of tank in accordance with Chapter 4.2 of the UN Recommendations or the IMDG Code which is required **as a minimum** for the carriage of the substance in a tank in accordance with the Recommendations or in accordance with the IMDG Code. For the use of tank codes, see sub-section 4.2[x.x] of the UN Recommendations. Carriage in portable tanks is only allowed if a code is given.
- Column 13 Special provisions for portable tanks (UN/IMO):  
This column contains **additional** special provisions in the form of a code for portable tanks in accordance with section 4.2.x (TPx).
- Column 14 Use of wagons/vehicles and containers:
- Column 15 Hazard identification number:  
This column contains the hazard identification number in accordance with section 5.3.1. For substances of Class 7, see section [xxx].

#### **ADR:**

- Column 16 Provisions concerning vehicles:  
This column contains a code indicating the requirements prescribed in Chapter [6.1] concerning the means of transport and the vehicle.
- Column 17 Exempted quantities:  
This column contains a code indicating the requirements prescribed in Chapter [6.2] for the carriage of exempted quantities of a substance or article in a transport unit or vehicle.
- Column 18 Safety equipment/marketing/labelling:  
This column contains a code indicating the requirements prescribed in Chapters [6.3 and 6.4] concerning safety equipment and the marking and labelling of the transport unit or vehicle.
- Column 19 Special provisions concerning vehicle operation:  
This column contains a code indicating the requirements prescribed in Chapter [6.5] concerning the operation and service of the transport unit or vehicle.

#### **Note on the alphabetical Table (list)**

Note: The names of substances and articles are listed in alphabetical order, but the following

are ignored for this purpose: Arabic numerals, letters and prefixes such as o-, m-, p-, n-, sec-, tert-, N-, N-N, alpha-, beta-, omega-, cis- and trans-. However, the prefixes Bis- and Iso have been taken into account in the alphabetical order.