

## INF. Annex III: suggested amendment to the ADR for the transport of inner packaging packed together

### CHAPTER 3.6

#### PACKED DANGEROUS GOODS HAVING A WASTE STATUS

##### GENERAL

3.6.1 This Chapter provides the provisions applicable to the carriage of packed dangerous goods having a waste status, with the exception of the dangerous goods that are classified as:

- Class 1
- Class 2, with the exception of articles and small non-refillable gas bottles, with a water capacity limit of 30 liters, classification code 1A, 2A, 1F, 2F and 1O.
- Class 4.1, classification code D, DT and SR.
- Class 4.2.
- Class 4.3.
- Class 5.1, classification code OS and OW.
- Class 5.2, classification P2.
- Class 6.1, classification code TFC en TFW.
- Class 6.2, classification code I1, I2 and I4.
- Class 7.
- Class 8, classification code CS en CW.
- Class 9, classification code M1, M2, M3, M4, M9, M10, M11.

Packed dangerous goods can be receptacles, single packaging, combined packaging and articles.

3.6.2 Packed dangerous goods having a waste status, meeting the provisions of this Chapter are subject to the relevant provisions of the ADR:

- (a) Part 1, except chapter 1.7.
- (b) Part 2, except chapter 2.1, sub-section 2.1.2 and paragraphs 2.1.3.5.1 and 2.1.3.5.5.
- (c) Part 3, Chapters 3.1, 3.2, 3.3 (except special provisions 61, 178, 181, 220, 274, 625, 633 and 650 (e));
- (d) Part 4, except paragraphs 4.1.1.4, 4.1.1.5 and 4.1.10.
- (e) Part 5, except paragraphs 5.2.1.1 and 5.4.1.1.
- (f) Part 6, except paragraph 6.1.5.1.7.
- (g) Part 7.
- (h) Part 8.

##### CLASSIFICATION

The physical and chemical characteristics and physiological properties shall be determined by measurement or calculation and the substance, solution or mixture shall be classified according to the criteria mentioned in sub-section 2.2.x.1 of the various classes *or classified based on available CLP-classification.*

If the substance to be carried *are packed dangerous goods having a waste status*, with a substance composition that is not precisely known, its assignment to a UN number and packing group in accordance with 2.1.3.5.2 may be based on the consignor's knowledge of the waste, including all available technical and safety data as requested by safety and environmental legislation in force. In case of doubt, the highest danger level shall be taken.

## PACKING

3.6.3 Packed dangerous goods as defined in 3.6.1, having a waste status may be packed in only the same outer packaging with goods of the same class and combining the following classification codes.

- Class 3, classification code F, FT, FC and FTC.
- Class 4.1, classification code F, FO, FT, FC and FTC.
- Class 5.1, classification code O, OT, OC, OTC and OF.
- Class 5.2, classification code P1.
- Class 6.1, classification code T, TF, TS, TW, TO and TC.
- Class 8, classification code C1, C2, C3, C4, CF, CO, CT and CFT.
- Class 8, classification code C5, C6, C7, C8, CF, CO, CT and CFT.
- Class 9, classification code M6, M7 and M8.

and with goods which are not subject to the requirements of ADR, provided they do not react dangerously with one another, provided that the individual weight of every packed dangerous good having a waste status shall not exceed 60 kg and the total weight of the outer packaging shall not exceed 400 kg.

3.6.4 Packed dangerous goods of class 6.2, may be packed in the compliance with packing instruction 3.6.5.

3.6.5 Packing instructions.

<b>PACKING INSTRUCTION</b>
<i>This instruction applies to packed dangerous goods, packing group II, and/or III, having a waste status.</i>
Dangerous goods shall be placed in suitable outer packaging <i>that meet the provisions of:</i> <i>Drums (1A2, 1B2, 1N2, 1H2, 1D, 1G);</i> <i>or Boxes (4A, 4B, 4N, 4C1, 4C2, 4D, 4F, 4G, 4H1, 4H2);</i> <i>or Jerrycans (3A2, 3B2, 3H2)</i>
The packaging shall meet the provisions of <b>4.1.1.1, 4.1.1.2, 4.1.1.3, 4.1.1.4, 4.1.1.8</b> and <b>4.1.3</b> and be so designed that they meet the construction requirements of 6.1.4.
Packaging shall conform to the packing group II performance level for solids
<i>Max. net mass of the outer packaging: 400 kg</i>
<ol style="list-style-type: none"><li>1. Packaging meeting the requirements of 6.1.4, made leak tight, shall be used.</li><li>2. Where the only residues contained are solids which are not liable to become liquid at temperatures likely to be encountered during carriage, flexible packaging may be used</li></ol>

3. Where liquid residues are present, rigid packaging that provide a means of retention (e.g. absorbent material *or a sufficiently stout inner liner* or bag shall be used.)

Alternative

*The outer packaging which has to meet the requirements of 6.1.4, made leak tight and fitted with a leak tight and also provided with a sufficiently stout inner liner or bag, shall be used.*

4. Before being filled and handed over for carriage, every packaging shall be inspected to ensure that it is free from corrosion, contamination or other damage. Any packaging showing signs of reduced strength shall no longer be used (minor dents and scratches are not considered as reducing the strength of the packaging).Packaging intended for the carriage of packaging, discarded, empty, uncleaned with residues of Class 5.1 *and class 5.2* shall be so constructed or adapted that the goods cannot come into contact with wood or any other combustible material. Any leakage of the contents shall not substantially impair the integrity of the cushioning material or the protective properties of the outer packaging.
5. Packaging containing liquids with closures shall be packed in the outer packaging with their closures correctly oriented to avoid leakage, except for packaging with a nominal volume of less than 30 ml (ref. 3.5.1.2.).
6. Packaging, receptacles and articles that are liable to break or be punctured easily, such as those made of glass, porcelain or stoneware or of certain plastic materials shall be properly secured, by using appropriate cushioning material or adequate positioning.
9. Articles shall be packed to prevent movement and inadvertent operation during normal conditions of carriage
10. Packed dangerous goods shall only be stacked where their compatibility for stacking prevents damage or by use of devices that enable the adequate distributing of the downward forces of the upper layer.
11. Each packed dangerous good shall be thoroughly checked on closure and tightened before filling the outer packaging.

PP16, 17, 19, 20, 32 37, 39, 80, 90, 91, RR6, RR9 remain applicable when relevant.

**PACKING INSTRUCTION**

*This instruction applies to packed dangerous goods, packing group I, having a waste status.*

Receptacles, single packaging, combined packaging and articles are authorized in outer packaging provided the general provisions of 4.1.1 and 4.1.3 are met. Testing of outer packaging may be carried out in accordance with the requirements of Chapters 6.1, excluding 6.1.5.1.7, or 6.5, as appropriate, in relation to liquids in single packaging, at the packing group I performance level.

**Drums**

steel (1A1, 1A2)

aluminium (1B1, 1B2)

other metal (1N1, 1N2)  
plastics (1H1, 1H2)  
plywood (1D)  
fibre (1G)

**Boxes**

steel (4A)  
aluminium (4B)  
other metal (4N)  
natural wood (4C1, 4C2)  
plywood (4D)  
reconstituted wood (4F)  
fibreboard (4G)  
expanded plastics (4H1)  
solid plastics (4H2)

5. Packaging containing liquids with closures shall be packed in the outer packaging with their closures correctly oriented to avoid leaking.
6. Packaging, receptacles and articles that are liable to break or be punctured easily, such as those made of glass, porcelain or stoneware or of certain plastics materials shall be properly secured, by using appropriate cushioning material or adequate positioning.
9. Articles shall be packed to prevent movement and inadvertent operation during normal conditions of carriage.
10. Packed dangerous goods shall only be stacked when their compatibility stacking prevents damage or by use of devices that enable the adequate distributing of the downward forces of the upper layer.
11. Every packed dangerous good shall be thoroughly checked on closure and tightened before filling the outer packaging.

**PACKING INSTRUCTION**

This instruction applies to UN No. 3291.

The following packaging is authorized provided that the general provisions of 4.1.1 except 4.1.1.4, 4.1.1.5 and 4.1.3 are met:

(1) Provided the packaging is able to retain liquids:

Drums (1A2, 1B2, 1N2, 1H2, 1D, 1G);  
Boxes (4A, 4B, 4N, 4C1, 4C2, 4D, 4F, 4G, 4H1, 4H2);  
Jerricans (3A2, 3B2, 3H2).

Packaging shall conform to the packing group II performance level for solids. *Combination tests with solids and liquid are allowed. The test report will refer to the liquid percentage that was tested.*

(1) For packages containing larger quantities of liquid:

Drums (1A1, 1A2, 1B1, 1B2, 1N1, 1N2, 1H1, 1H2, 1D, 1G);  
Jerricans (3A1, 3A2, 3B1, 3B2, 3H1, 3H2);  
Composites (6HA1, 6HB1, 6HG1, 6HH1, 6HD1, 6HA2, 6HB2, 6HC, 6HD2, 6HG2, 6HH2, 6PA1, 6PB1, 6PG1, 6PD1, 6PH1, 6PH2, 6PA2, 6PB2, 6PC, 6PG2 or 6PD2).  
Packaging shall conform to the packing group II performance level for liquids.

**Additional requirement:**

Packaging intended to contain sharp objects such as broken glass and needles shall be resistant to puncture and retain liquids under the performance test conditions in Chapter 6.1.

## MARKING

3.6.6 Packed dangerous goods having a waste status, other than class 6.2, are marked with the UN number corresponding to the dangerous goods contained, preceded by the letters "UN",  
or with text that corresponds with the first letter of the classification codes of the carried class. Markings shall be clearly and durably marked on each package. The UN number and the letters "UN" shall be at least 12 mm high.

3.6.7 Notwithstanding 5.2.2. The outer packages shall be labelled with labels that correspond to all classification codes that are contained in the outer package.

## TRANSPORT DOCUMENT

3.6.8 If packed dangerous goods having a waste status, other than class 6.2, are carried under the conditions of this special provision, the goods shall be declared as follows:  
'PACKED DANGEROUS GOODS, HAVING A WASTE STATUS, IN ACCORDANCE WITH 3.6, [CLASS] (TUNNEL CODE).

The following tunnel codes are applicable:

Class 3: D/E  
Class 4: D/E  
Class 6.1: E  
Class 5.1: D/E  
Class 8: E  
Class 9: E