

Annex I: INF. Free English translation of the German “Ausnahme 20”- Exemption 20

Transport of packaged hazardous waste

1 By way of derogation from § 1 paragraph 3 Nos. 1 to 3 and 18, 21 and 22 of the GGVSEB (Ordinance on the Domestic and International Transport of Dangerous Goods by Road, Rail and Inland Waterways) in conjunction with parts 1 to 5 of ADR/RID/ADN, wastes that are classified, packaged, marked and labelled in accordance with the provisions listed in Point 2 according to waste groups 1 to 15 may be transported subject to compliance with the provisions in Nos. 3 to 5.

2 Classification, packaging, marking and labelling

2.1 To ensure safe transport, waste must be sorted in such a way that no dangerous reactions may occur between them.

2.2 In order to eliminate hazards that may arise during carriage, the wastes shall be assigned to one of the following groups of waste. Mixing of the individual waste groups is not permitted. The waste groups shall not be applied to substances which are prohibited from carriage or which have to be carried in accordance with special provisions.

The waste groups are divided into sub-groups. If wastes from several sub-groups are carried within one waste group, the transport document shall indicate the danger label applicable to the class of predominant danger in accordance with paragraph 2.1.3.5.2 and 2.1.3.5.3 in conjunction with subsection 2.1.3.10 of ADR/RID/ADN and, if available, the packing group of the highest degree of danger, marked I, II or III.

For waste group I, all applicable danger labels for the consignment shall be indicated in the transport document. It is not necessary to indicate the packing group.

The danger labels shall be indicated according to the subgroups of the respective waste group.

2.3 Anyone who packs waste or has waste packed on his own responsibility shall determine to which subgroup within the waste group the hazardous wastes are to be assigned so that proof of sufficient chemical compatibility with the intended plastic packings can be provided on the basis of the design test carried out with the standard liquid(s). If different subgroups within the waste group are packed together in a mixed packing, proof of sufficient chemical compatibility in accordance with subsection 4.1.1.19 in conjunction with paragraph 6.1.6 of ADR/RID shall have to be carried out for all standard liquids listed in column 8 of the table in point 2.4 of the relevant waste group. This proof of compatibility for acetic acid is also deemed to have been provided if the packaging design is approved for the standard liquid wetting solution.

2.4. Table of hazardous wastes

The classes, classification codes (where applicable), packing groups (where applicable), tunnel restriction codes (where applicable) and numbers of the danger label models mentioned in the following table refer to the respective regulations on dangerous goods ADN for inland navigation (B), RID for railways (E) and ADR for road transport (S).

[\[Instead of the table, the tabular listing is also referred to on this website\].](#)

2.5 Other regulations

In the case of collections, waste may only be placed in small delivery receptacles with a capacity of up to 60 litres or a mass of 60 kilograms under the supervision of a competent person in the packaging and intermediate bulk containers (IBCs).

The waste shall be packed in the following packings which are design-approved for solids of packing group I

- a) plastics drums or jerricans of 1H2 or 3H2 coding,
- b) steel drums or jerricans of 1A2 or 3A2 coding,
- c) steel or rigid plastic boxes of code 4A or 4H2; or
- d) Composite packings with a tight-fitting inner receptacle of suitable plastic material as inner packaging and steel or aluminium boxes of code 4A or 4B as outer packaging.

The conditions for solids of packing group I shall be applied.

When composite packings with a fibreboard box of code 4GW are used as outer packaging for the carriage of substances of waste groups 1, 6, 7, 8, 9, 12 and 13, the following requirements shall have to be met:

- a) Use of a wet strength paper for the corrugated board,
- b) Successful design test as composite packaging with substitute filling material and original filling material (e.g. receptacles, small, with gas (gas cartridges)
- c) Design test with twice the net mass as approved,
- d) Limiting the use of the packaging to one year after its manufacture for single transport; and
- f) Pass the permeation test by analogy with 6.1.5.7 of ADR/RID.

Inner packings of combination packings may have the same maximum permissible filling quantity as the outer packing.

- 2.6 Wastes of waste group 15 shall be placed in the respective delivery container with inert absorbent and filling material in boxes made of wood of code 4C1, 4C2, 4D or 4F, rigid plastics of code 4H2 or in drums made of plastics of code 1H2, which must be type-tested, approved and labelled at least in accordance with packing group II. These boxes, bags or drums shall then be packed individually or in groups in several, in steel, aluminium or rigid plastics boxes of code 4A, 4B, 4H2 or steel or plastics drums of code 1A2, aH2 which have been type-tested, approved and labelled.
- 2.7 Wastes of waste group/waste subgroup 1, 2.1, 5, 6, 7, 8, 13 and 14 in delivery receptacles may also be packed in steel intermediate bulk containers (IB) with removable lids or in composite IBCs with inner receptacles made of rigid plastic.
- In addition, composite IBCs with plastic inner receptacles in accordance with chapter 6.5 of ADR/RID may also be used. IBCs shall have to be type-tested, approved and labelled for solids of packing group II.
- 2.8 Wastes of waste groups 2.2, 3, 4, 9, 10, 1, 12 and 15 in adjacent receptacles may also be packed in metal IBCs of packing group I.
- 2.9 In the case of fragile, damaged or improperly closed delivery receptacles, inert absorbent materials shall be filled in such a way that the open spaces between the delivery receptacles are completely filled.
- 2.10 The seals of the delivery receptacles shall be checked for tightness before being placed in the packings and intermediate bulk containers (IBCs).
- 2.11 In the case of packings with W-coding (e.g. 1H2W), the absorbents shall be dimensioned in such a way that they can absorb the entire quantity of liquid in the event of any leakage. In the case of solid waste, the delivery receptacle may instead be packed in a bag or sack made of plastic film which must be sealed tightly.
- 2.12 Receptacles, small, containing gas (gas cartridges), which are compressed but still tight, may only be packed in drums, jerricans or boxes made of board (e.g. 4GW) with inert filling materials. Partially emptied and non-functioning receptacles, small, containing gas (gas cartridges), of Class 2 classification code 5F, containing flammable gases, may also be carried under the following conditions:
- (a) They shall be placed in cardboard boxes in such a way as to prevent movement and load on the valves.
 - (b) The cardboard boxes shall be type-tested, approved and labelled in accordance with Chapter 6.1 of ADR/RID. The requirements of packing group II are applicable.
- 2.13 Waste fire extinguishers of waste subgroup 1.3 may also be carried in the following packings which have not been type tested and approved:

box pallets made of metal or plastic and mesh box pallets, although the pallet may also be made of wood.

- 2.14 Packings and IBCs for waste of waste groups 1 and 14 shall be fitted with a ventilation device in accordance with subsection 4.1.1.8 of ADR/RID.
- 2.15 Substances may only be packed together with goods not subject to ADR/RID/ADN if no dangerous reactions can occur.

Dangerous reactions are:

- a) combustion and/or generation of considerable heat;
- b) the evolution of flammable and/or toxic gases;
- c) the formation of corrosive liquids;
- d) the formation of unstable substances.

3 Responsibilities

- 3.1 In the case of waste collection campaigns, a competent supervisor must fulfil the obligations pursuant to § 18, 21 and 22 of the GGVSEB.
- 3.2 The competent supervisor must be able to
 - a) evaluate the wastes on the basis of their hazardous characteristics and with regard to measures in the event of incidents or accidents; and
 - b) apply the provisions of this exemption and of the GGVSEB.
- 3.3 For carriage by rail, according to § 21 paragraph 3 of the GGVSEB, the consignor shall affix to the wagons - in accordance with the goods loaded - on both long sides the appropriate placards in accordance with the table in column 7 of point 2.4 and also a shunting label in accordance with model No. 13 according to subsection RID 5.3.4.2.

4 Other provisions

- 4.1 Packages shall be carried by rail as wagonloads with covered wagons or in containers and by road with shielded or covered vehicles or in containers, and by inland waterways in containers with ships having weathertight closing hatches that are adequately ventilated.
- 4.2 Packages of codes 1A2, 1H2, 3A2, 3H2, 4A, 4B, 4H2, 11A and 11HZ1 may also be carried by road in open vehicles. Exactly fitting racks and devices for the packages must be used to secure the load.
- 4.3 Packages containing wastes of waste group 15 shall be placed away from, i.e. not above, not below and not directly adjacent to the other packages and shall be secured.
- 4.4 The packages must be secured in such a way that they cannot slip, tilt, fall over or be damaged by other packages or objects.

- 4.5 Carriage under this exemption must be completed no later than six months after the packings and IBCs have been filled.
- 4.6 Uncleaned empty packings (delivery receptacles) shall be treated in the same way as the substances the residues of which are contained in them.

5 Transport document

- a) Name and address of the consignor and consignee,
- b) As description of the goods:

- waste group(s) <<...>>
- number of the danger label model<<...>>
- packing group or classification code <<.....>>
- tunnel restriction code <<.....>>

Note: Where required by paragraph 5.4.1.1.1 (k) of ADR.

- Number of packages and
- Description of the packages

Instead of "<<...>>", the relevant information according to the table in point 2.4 shall be entered. The packing group shall be taken from column 6.

- c) In addition, the following shall be entered: "Exception 20

6 Limitation of time

Exception 20 is limited until 30 June 2021.