

No. 8940. EUROPEAN AGREEMENT CONCERNING THE INTERNATIONAL CARRIAGE OF DANGEROUS GOODS BY ROAD (ADR). DONE AT GENEVA ON 30 SEPTEMBER 1957¹

ENTRY INTO FORCE of amendments to annexes A and B,² as amended,³ of the above-mentioned Agreement

The amendments were proposed by the Government of Spain and circulated by the Secretary-General on 31 August 1982. In the absence of the minimum number of objections to the amendments required for their rejection, the said amendments came into force on 1 January 1983, in accordance with article 14 (3) of the Agreement.

AMENDMENTS TO THE ADR ADOPTED BY THE GROUP OF EXPERTS

Annex A

General Provisions

2002 (1) “This annex specifies the dangerous goods . . . in the clauses concerning the various Classes, excluded from carriage; of the other goods covered by the headings of the non-restrictive Classes, those which are mentioned in the clauses concerning these Classes (marginals 2301, 2401, 2501, 2601 and 2801) or covered by one of the collective headings of these marginals, are to be accepted for carriage only under the conditions specified in these clauses; those which are not mentioned or covered by one of the collective headings are not deemed to be dangerous goods for the purposes of the present Agreement and are to be accepted for carriage without any special conditions”.

Class 2

- 2201 3^o(c) Add: “1,2-butadiene” and the following note 1:
 “NOTE 1. Receptacles must be free of oxygen in the gaseous phase, i.e., the oxygen concentration must not exceed 50 ppm”.
- 2201 4 (c) Add: “Mixtures of 1,3-butadiene and hydrocarbons of 3 (b) having a vapour pressure at 70°C not exceeding 11 bars and a density at 50°C not lower than 0.525”.
- 2212 (3) (b) For “substances of 4 (c) and 4 (c t) other than dichlorodifluoromethane containing 12 per cent ethylene oxide by weight”, read: “ethylene oxide containing not more than 50 per cent by weight methyl formate [4 (c t)]”.
- 2214 (4) Should read as follows:
 “In the case of receptacles containing mixtures P1 and P2 of 4 (c) or dissolved acetylene . . . (remainder unchanged)”.
- 2219 (10) Same correction as for marginal 2212 (3) (b).

¹ United Nations, *Treaty Series*, vol. 619, p. 77; for subsequent actions, see references in Cumulative Indexes Nos. 9 and 11 to 14, as well as annex A in volumes 905, 907, 920 to 922, 926, 940, 943, 951, 966, 973, 982, 987, 995, 1003, 1023, 1035, 1074, 1107, 1129, 1141, 1161, 1162, 1237, 1259, 1279 and 1283.

² *Ibid.*, vol. 731, p. 1.

³ For amendments to annexes A and B, see vol. 774, p. 368; vol. 828, p. 518; vol. 883, p. 174; vol. 907, p. 158; vol. 921, p. 284; vol. 922, p. 282; vol. 926, p. 114; vol. 951, p. 433; vol. 982, p. 313; vol. 987, p. 435; vol. 1003, p. 249; vol. 1023, p. 462; vol. 1035, p. 330; vol. 1074, p. 352; vol. 1107, p. 269; vol. 1161, p. 461; vol. 1162, p. 437; vol. 1259, No. A-8940, and vol. 1279, No. A-8940.

- 2220 (2) Add in the table under 3°(c): “1,2-butadiene, 3 (c), 10, 0.59”.
- 2220 (2) Add to the table under 4 (c):
 “Mixtures of 1,3-butadiene and hydrocarbons of 3 (b) ... 4 (c) ... 10 ... 0.50”.
- 2220 (3) The minimum test pressure and maximum weight of contents per litre of capacity for sulphur hexafluoride in marginal 2201 5 (a) should be as follows:

<i>Minimum test pressure (bar)</i>	<i>Maximum weight of contents per litre of capacity (kg)</i>
70	1.04
140	1.33
160	1.37

Class 4.1. INCLUSION OF PLASTICS MOULDING MATERIALS IN CLASS 4.1

- 2401 Add: “12° *Plastics moulding materials* evolving inflammable vapours”.
- 2412 Add “(4) Substances of 12° shall be packed in leakproof and properly closing packages”.
- 2414 (1) Add: “Packages containing plastics moulding materials of 12° shall bear the following marking: ‘KEEP AWAY FROM ANY SOURCE OF IGNITION’. This marking shall be in an official language of the country of departure, and also, if that language is not English, French or German, in English, French or German, unless any agreements concluded between the countries concerned in the transport operation provide otherwise”.

Class 7

Schedule 5

- 2703 (a) In paragraph 1 beneath the heading “Danger labels on packages ... Subsidiary labelling: “amend note (i) to read “for thorium nitrate, solid and uranyl nitrate, solid — model No. 3 labels are required”. Also amend note (ii) to read “for uranium hexafluoride and uranyl nitrate hexahydrate solution — model No. 5 labels are required”.
- (b) In paragraph 12 under “Subsidiary/Additional labelling” amend subparagraph (i) to read “for thorium nitrate, solid and uranyl nitrate, solid — model No. 3 labels are required”. Also amend subparagraph (ii) to read “for uranium hexafluoride — No. 5 labels are required”.

Appendices of annex A

- 3900 (1) Last sentence, amend to read: “... fixed tanks (tank-vehicles and tank-trailers) and demountable tanks”.
- (Appendix A.9)
- 3901 (4) New paragraph:
 “In addition to the danger labels prescribed under ADR, danger labels conforming to the requirements of other modes of transport may be affixed to packages, containers, tank-containers and batteries of receptacles containing dangerous goods which are transported for part of a journey by road and which must be labelled in accordance with the provisions of those requirements”.

Annex B

- 10 121 (1) Sentences two and three of this marginal should be combined by means of “and”, then it should read:

“Reinforced plastics tanks may be used only if their use is expressly authorized in chapter II and the temperature of the substance carried shall not exceed 50°C at the time of the filling”.

10 121 (2)

To read:

“If the substances carried in a tank-container or battery of receptacles are such that, under Annex A, one or more danger labels are required to be affixed to packages containing them, the same label or labels shall be affixed to both sides of the outside of the tank. If the labels are not visible from the outside of the vehicle, the same labels shall also be affixed to the side and rear walls of the vehicle”.

10 170 (1) (a)
(amendment 2)

Is amended to read:

“From 1 January 1983, drivers of transport units carrying tanks or tank-containers of a total capacity exceeding 3,000 litres shall be in possession of a certificate issued by the competent authority or by an organization recognized by that authority certifying that they have . . .”

10 182 (1)
(amendment 1)

Is amended to read:

“Tank-vehicles, vehicles with demountable tanks or with batteries of receptacles and, where so required under provisions of . . .”

11 401

The reference in this marginal to marginal 11 402 should be deleted since 11 402 is devoid of any provisions.

21 500 (2)

Add to the list:

“Ethylene oxide with nitrogen . . . 2A and 4”.

41 111 (5)

Add the following new paragraph:

“Plastics moulding materials of 12° may be carried in bulk in open but sheeted vehicles with adequate ventilation”.

41 118

Add:

“Plastics moulding materials of 12° may also be packed without internal packaging in small containers of the closed type with complete walls. Small containers containing plastics moulding materials shall bear the marking: ‘KEEP AWAY FROM ANY SOURCE OF IGNITION’.

“This marking shall be in an official language of the country of departure, and also, if that language is not English, French or German, in English, French or German, unless any agreements concluded between the countries concerned in the transport operation provide otherwise”.

Appendices of annex B

211 127 (2)

The last sentence should read “. in paragraphs (3) to (5) below” instead of “. in paragraphs (3) to (6) below.”.

211 270
(B.1a)

“Hydrocarbons of 3° (b) and 4° (b), 1,3-butadiene [3°(c)] and mixtures of 1,3-butadiene and hydrocarbons [4°(c)];”

211 251 (2) (b)
(B.1a)

Add in the table under 3° (c): “1,2-butadiene, 3° (c), 10, 10, 0.59”.

211 251 (b)
(B.1a)

Add to the table:

“Mixtures of 1,3-butadiene and hydrocarbons of 3°(b) . . . 4°(c) . . . 10 . . . 10 . . . 0.50”.

(Ref. R.406)

211 823
(B.1c)

The last sentence should refer to marginal 211 521 *not* 211 520.

Section 9: Use of tank-containers approved for maritime transport

- 212 190
(B.1b) Tank-containers which do not fully meet the requirements of this appendix but which have been approved in accordance with the requirements concerning maritime transport* shall be accepted for carriage preceding or following maritime transport. In addition to the particulars already prescribed, the transport document shall bear the words: "CARRIAGE IN ACCORDANCE WITH MARGINAL 212 190". Only substances authorized under marginal 10 121 (1) may be carried in tank-containers.
- 212 270
(B.1b) Group 2 should read as follows:
;"Hydrocarbons of 3°(b) and 4°(b), 1,3-butadiene [3°(c)] and mixtures of 1,3-butadiene and hydrocarbons [4°(c)]";
- 213 100
(B.1b) Delete reference to 211 137.
- 220 000 (2) (b)
(B.2) Is amended to read:
"1. *Battery master switch:* In the case of vehicles used for the carriage of inflammable dangerous goods in tanks (fixed or demountable) or in batteries of receptacles, a switch for breaking all the electrical circuits shall be placed as close to the battery as possible. A direct or remote control system shall be installed in the driving cab and outside the vehicle. It shall be easily accessible and distinctively marked. The switch shall be openable while the engine is running without causing a dangerous surge. The electrical supply to the tachograph may, however, be provided by a circuit connected direct to the battery. Except in the case of vehicles used for the carriage of hydrogen of Class 2 items 1°(b) and 7°(b) or carbon disulphide of Class 3 item 1° (a), the battery master switch, the tachograph and their respective circuits shall be intrinsically safe category Ex ib for Group II B T4 (7.8 per cent ethylene in air). In the case of hydrogen or carbon disulphide, this equipment and related circuits shall be intrinsically safe category Ex ib for Group II C (20 per cent hydrogen in air).**
- "2. *Storage batteries:* If the batteries are situated elsewhere than under the engine bonnet, they shall be secured in a vented case of metal or another material of equivalent strength, with insulating inner walls."
- 250 000
(B.5) In the list of substances, column (a), delete "1,3-butadiene" and replace by "Butadienes".
- 250 000
(B.5) Add to the list of substances:
"Mixtures of 1,3-butadiene and hydrocarbons ... 2, 4°(c) ... 239 ... 1010".

Authentic texts of amendments: English and French.

Registered ex officio on 1 January 1983.

* These requirements are published in the IMDG Code.

** See European Standards EN 50 014 and 50 020.