

CORRIGENDUM

**Ref. Sales No. E.06.VIII.2
(ECE/TRANS/190, Vol. I and II)**

**May 2008
New York and Geneva**

**EUROPEAN AGREEMENT CONCERNING
THE INTERNATIONAL CARRIAGE OF
DANGEROUS GOODS BY INLAND WATERWAYS (ADN)
(2007 version of the Annexed Regulations)**

Corrigendum

***NOTE:** Corrigenda to this edition, as well as any new amendments to the Regulations annexed to ADN will be made available on the United Nations Economic Commission for Europe web site at the following address <http://www.unece.org/trans/danger/danger.htm>*

1. Table of contents, Volume I, 1.10.3

Not applicable to English

2. 1.2.1 Definition of "Design Pressure"

Move to "D"

3. 1.2.1 Definition of "Flammable component"

For the existing text *substitute*

Flammable component (for aerosols) means flammable liquids, flammable solids or flammable gases and gas mixtures as defined in Notes 1 to 3 of sub-section 31.1.3 of Part III of the Manual of Tests and Criteria. This designation does not cover pyrophoric, self-heating or water-reactive substances. The chemical heat of combustion shall be determined by one of the following methods ASTM D 240, ISO/FDIS 13943: 1999 (E/F) 86.1 to 86.3 or NFPA 30B;

4. 1.2.1 Definition of "Intermediate bulk container", sub-paragraph (c)

Insert a paragraph break before the text in parenthesis and align this text to the left.

5. 1.2.1 Definition of "Sampling openings"

For the existing text *substitute*

Sampling opening means an opening with a diameter of not more than 0.30 m fitted with a flame arrester plate stack, capable of withstanding steady burning and so designed that the opening

(PTO)

period will be as short as possible and that the flame arrester plate stack cannot remain open without external intervention. The flame arrester plate stack shall be of a type approved by the competent authority for this purpose.

6. 1.6.7.2.1.2 UN 3175

Replace 61°C by 60°C

7. 1.6.7.2.3.1 Table of general transitional provisions for tank vessels

9.3.3.21.1 (b), second column, for existing text *substitute*

Liquid level gauge Type N open with flame-arrester and Type N open

8. 1.8.3.11 (b), Thirteenth indent

For transport document read transport documents

9. 1.10.5, Table, sixth column, second line

Not applicable to English

10. 2.1.3.4.1 Class 6.1, UN No. 1614

Not applicable to English

11. 2.2.1.1.7.5 Table, column headed "Definition", for "Bengal stick"

Not applicable to English

12. 2.2.3.3, List of collective entries

Not applicable to English

13. 2.2.41.3 List of collective entries, classification code DT

Replace those by substances

14. 2.2.43.3, List of collective entries

Not applicable to English

15. 2.2.61.1.7 Degree of toxicity table

For the existing table *substitute*

	Packing group	Oral toxicity LD ₅₀ (mg/kg)	Dermal toxicity LD ₅₀ (mg/kg)	Inhalation toxicity by dusts and mists LC ₅₀ (mg/l)
Highly toxic	I	≤ 5.0	≤ 50	≤ 0.2
Toxic	II	> 5.0 and ≤ 50	> 50 and ≤ 200	> 0.2 and ≤ 2.0
Slightly toxic	III ^a	> 50 and ≤ 300	> 200 and ≤ 1000	> 2.0 and ≤ 4.0

16. 2.2.61.1.14

For 88/379/EEC⁴ read 1999/45/EC⁴

17. 2.2.61.1.14, Footnote 4

For the existing text *substitute*

Directive 1999/45/EC of the European Parliament and of the Council of 31 May 1999 on the approximation of laws, regulations and administrative provisions of the Member States relating to the classification, packaging and labelling of dangerous preparations (Official Journal of the European Communities No. L 200 of 30 July 1999, pages 1 to 68).

18. 2.2.61.2.2, second indent

Not applicable to English

19. 2.2.62.1.2, entry I4

For the existing text *substitute*

Biological substances, category B

20. 2.2.62.1.5.6 (b)

For the existing text *substitute*

For liquids, absorbent material in sufficient quantity to absorb the entire contents is placed ...

21. 2.2.62.1.5.6, NOTE

For the existing text *substitute*

NOTE: *An element of professional judgement is required to determine if a substance is exempt under this paragraph. That judgement should be based on the known medical history, symptoms and individual circumstances of the source, human or animal, and endemic local conditions. Examples of specimens which may be carried under this paragraph include blood or urine tests to monitor cholesterol levels, blood glucose levels, hormone levels, or prostate specific antibodies (PSA); those required to monitor organ function such as heart, liver or kidney function for humans or animals with non-infectious diseases, or for therapeutic drug monitoring; those conducted for insurance or employment purposes and intended to determine the presence of drugs or alcohol; pregnancy tests; biopsies to detect cancer; and antibody detection in humans or animals.*

22. 2.2.62.1.11.1, Footnote 5

Insert (replaced by the Directive 2006/12/EC of the European Parliament and of the Council (Official Journal of the European Communities No. L 114 of 27 April 2006, page 9)) after Council Directive 75/442/EEC on waste

23. 2.2.62.1.11.2, NOTE 2

Not applicable to English

24. 2.2.62.3, List of collective entries

Amend the name of 3373 to read

BIOLOGICAL SUBSTANCE, CATEGORY B

25. 2.2.8.1.9 First indent

For 88/379/EEC⁴ read 1999/45/EC⁴

26. 2.2.8.1.9, Footnote 4

For the existing text *substitute*

Directive 1999/45/EC of the European Parliament and of the Council of 31 May 1999 on the approximation of laws, regulations and administrative provisions of the Member States relating to the classification, packaging and labelling of dangerous preparations (Official Journal of the European Communities No. L 200 of 30 July 1999, pages 1 to 68).

27. 2.2.8.3, List of collective entries

Not applicable to English

28. 2.2.8.3

Amend the chart to read:

Corrosive substances with subsidiary risk(s)

(cont'd)					
Flammable^b	liquid	CF1	3470 PAINT, CORROSIVE, FLAMMABLE (including paint, enamel, stain, shellac, varnish, polish, liquid filler and lacquer base) or 3470 PAINT RELATED MATERIAL, CORROSIVE, FLAMMABLE (including paint thinning or reducing compound) 2734 AMINES, LIQUID, CORROSIVE, FLAMMABLE, N.O.S. or 2734 POLYAMINES, LIQUID, CORROSIVE, FLAMMABLE, N.O.S. 2986 CHLOROSILANES, CORROSIVE, FLAMMABLE, N.O.S. 2920 CORROSIVE LIQUID, FLAMMABLE, N.O.S.		
			solid	CF2	2921 CORROSIVE SOLID, FLAMMABLE, N.O.S.
			liquid	CS1	3301 CORROSIVE LIQUID, SELF-HEATING, N.O.S.
			solid	CS2	3095 CORROSIVE SOLID, SELF-HEATING, N.O.S.
			liquid^b	CW1	3094 CORROSIVE LIQUID, WATER-REACTIVE, N.O.S.
Water-reactive					
CW	solid	CW2	3096 CORROSIVE SOLID, WATER-REACTIVE, N.O.S.		
Oxidizing	liquid	CO1	3093 CORROSIVE LIQUID, OXIDIZING, N.O.S.		
CO	solid	CO2	3084 CORROSIVE SOLID, OXIDIZING, N.O.S.		
Toxic^d	liquid^c	CT1	3471 HYDROGENDIFLUORIDES SOLUTION, N.O.S. 2922 CORROSIVE LIQUID, TOXIC, N.O.S.		
CT	solid^c	CT2	2923 CORROSIVE SOLID, TOXIC, N.O.S.		
Flammable, liquid, toxic^d		CFT	No collective entry with this classification code available; if need be, classification under a collective entry with a classification code to be determined according to table of precedence of hazard in 2.1.3.10.		
Oxidizing, toxic^{d,e}		COT	No collective entry with this classification code available; if need be, classification under a collective entry with a classification code to be determined according to table of precedence of hazard in 2.1.3.10.		

(In footnote a, in the English text only, for ADR read ADN. Other footnotes without change).

29. 2.2.8.3 Corrosive substances with subsidiary risk(s)

Not applicable to English

30. 2.2.9.1.11 NOTE 1

For the existing text *substitute*

NOTE 1: GMMOs and GMOs which are infectious are substances of Class 6.2, UN Nos. 2814, 2900 or 3373.

31. 2.2.9.1.12

For the existing text *substitute*

(Deleted)

32. 2.2.9.1.13, NOTE 2

Not applicable to English

33. Figure 2.3.6

Not applicable to English

34. 3.1.2.1

Not applicable to English

35. 3.2.1 Table A

Not applicable to English

36. 3.2.2 Table B of Chapter 3.2

For

BUTADIENES, STABILIZED, having a vapour pressure at 70 °C not exceeding 1.1 MPa (11 bar) and a density at 50 °C not lower than 0.525 kg/l	1010	2	
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read

BUTADIENES, STABILIZED, (1,2-butadiene)	1010	2	
BUTADIENES, STABILIZED, (1,3-butadiene)	1010	2	

37. 3.2.3, Column (9) "Cargo tank equipment"

For the existing text *substitute*

Contains information concerning the cargo tank equipment

- 1 Refrigeration system
- 2 Possibility of cargo heating
- 3 Water-spray system
- 4 Cargo heating system on board

38. 3.2.3, Column (20), Remark 6

For the first two paragraphs *substitute*

6. When external temperatures are below or equal to that indicated in column (20), the substance may only be carried in tank vessels equipped with a possibility of heating the cargo.

39. 3.2.3, Table C, Footnotes related to the list of substances

Not applicable to English

40. 3.3.1, SP 204

Add the following text

204 (Deleted)

41. 3.3.1, SP 625

Not applicable to English

42. 3.3.1 SP 637 First and second sentences

For the existing text *substitute*

Genetically modified microorganisms and genetically modified organisms are those which are not dangerous for humans and animals, but which could alter animals, plants, microbiological substances and ecosystems in such a way as cannot occur naturally. Genetically modified microorganisms and genetically modified organisms are not subject to the requirements of ADN when authorized for use by the competent authorities of the countries of origin, transit and destination.¹

43. 5.1.2.1 (b)

Not applicable to English

44. 5.2.2.1.7

For the existing text *substitute*

Intermediate bulk containers of more than 450 litres and large packagings shall be labelled on two opposite sides.

45. 5.3.2.1.8

Amend the first sentence to read

Any orange-coloured marking which does not relate to dangerous goods carried, or residues thereof, shall be removed or covered.

46. 5.4.1.1.3, example

Not applicable to English

47. 5.4.1.2.2 (a) Last sentence

For (see also 3.1.2.8.1.2);

read (see also 3.1.2.8.1.2). The composition of the mixture need not be given when the technical names authorized by special provisions 581, 582 or 583 are used to supplement the proper shipping name;

48. 7.1.4.1.1, Class 1

Not applicable to English

49. 7.2.2.0.1

Replace the first sentence of the existing text *with*:

7.2.2.0.1 Dangerous substances may be carried in tank vessels of Types G, C or N in accordance with the requirements of sections 9.3.1, 9.3.2 or 9.3.3 respectively.

50. 8.1.6.5

Not applicable to English

51. 8.2.2.3.3 and 8.2.2.3.4

Replace

Authorized/

Authorization for:

tank vessels for the transport of substances for which a type G tank vessel is required and transport

in type G of substances for which a type C is required in cargo tank type 1 in column (7) of Table C of Chapter 3.2

with

Authorization for:

tank vessels for the transport of substances for which a type G tank vessel is required and transport in type G of substances for which a type C is required with cargo tank design 1 required in column (7) of Table C of Chapter 3.2.

52. 9.3.1.27.2

Not applicable to English

53. 9.3.1.27.10

Amend to read

A certificate from a recognized classification society stating that 9.3.1.24.1 to 9.3.1.24.3, 9.2.1.27.1 and 9.3.1.27.9 above have been complied with shall be submitted together with the application for issue or renewal of the certificate of approval.

54. 9.3.2.14.2

Not applicable to English
