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ECONOMIC COMMISSION FOR EUROPE

INLAND TRANSPORT COMMITTEE

Working Party on the Transport of Dangerous Goods

**EUROPEAN AGREEMENT CONCERNING THE INTERNATIONAL CARRIAGE OF
DANGEROUS GOODS BY ROAD (ADR)**

Draft amendments to annexes A and B of ADR

Corrigendum

1. Page 4, amendment to the Note after the definition of "Composite IBC with plastics inner receptacle"

Not applicable to English

2. Page 7

For the new transitional measure 1.6.1.13, substitute

1.6.1.13 For vehicles first registered or which first entered into service before 1 January 2009, the requirements of 5.3.2.2.1 and 5.3.2.2.2 that the plate, numbers and letters shall remain affixed irrespective of the orientation of the vehicle need not be applied until 31 December 2009.

3. Page 9

For the existing amendment to 1.6.4.13, substitute

1.6.4.13 Replace "and special provision TE15 of 6.8.4 (b) applicable as from 1 January 2003" with "applicable as from 1 January 2003 and special provision TE15 of 6.8.4 (b) applicable from 1 January 2003 to 31 December 2006".

4. Page 11, 1.7.2.3

For to 1.7.2.7 read and 1.7.2.5

5. Page 41, 2.2.7.2.4.3

For 2.2.7.2.3.2.1 read 2.2.7.2.3.2

6. Page 43, 2.2.9.1.9

For (Reserved) read (Deleted)

7. Page 44, 2.2.9.1.10.2.2, first sentence, at the end

Not applicable to English

8. Page 44, 2.2.9.1.10.2.2, second sentence

For the existing text substitute

In general, it has been agreed that freshwater and marine species toxicity data can be considered as equivalent data and are preferably to be derived using OECD Test Guidelines or equivalent according to the principles of Good Laboratory Practices (GLP).

9. Page 45, 2.2.9.1.10.2.3

For the existing text substitute

Acute aquatic toxicity shall normally be determined using a fish 96 hour LC₅₀ (OECD Test Guideline 203 or equivalent), a crustacea species 48 hour EC₅₀ (OECD Test Guideline 202 or equivalent) and/or an algal species 72 or 96 hour EC₅₀ (OECD Test Guideline 201 or equivalent). These species are considered as surrogate for all aquatic organisms and data on other species such as Lemna may also be considered if the test methodology is suitable.

10. Page 45, 2.2.9.1.10.2.4, first sentence, in the text between parentheses

Not applicable to English

11. Page 45, 2.2.9.1.10.2.4, second sentence, at the beginning

Not applicable to English

12. Page 45, 2.2.9.1.10.2.4, third sentence, at the beginning

Not applicable to English

13. Page 45, 2.2.9.1.10.2.5, first paragraph

For the existing text substitute

Environmental degradation may be biotic or abiotic (e.g. hydrolysis) and the criteria used reflect this fact. Ready biodegradation is most easily defined using the OECD biodegradability tests (OECD Test Guideline 301 (A - F)). A pass level in these tests may be considered as indicative of rapid degradation in most environments. These are freshwater tests and thus the use of the results from OECD Test Guideline 306, which is more suitable for marine environments, has also been included. Where such data are not available, a BOD(5 days)/COD ratio ≥ 0.5 is considered as indicative of rapid degradation.

Abiotic degradation such as hydrolysis, primary degradation, both abiotic and biotic, degradation in nonaquatic media and proven rapid degradation in the environment may all be considered in defining rapid degradability¹¹.

14. Page 48, figure 2.2.9.1.10.4.2

Not applicable to English

15. Page 49, 2.2.9.1.10.4.3

Not applicable to English

16. Page 49, 2.2.9.1.10.4.3.1

Not applicable to English

17. Page 49, 2.2.9.1.10.4.3.2, first paragraph

For the existing text substitute

When there are acute toxicity test data (LC₅₀ or EC₅₀) available for the mixture as a whole, these data as well as information with respect to the classification of ingredients for chronic toxicity shall be used to complete the classification for tested mixtures as follows. When chronic (long term) toxicity data (NOEC) are also available, they shall be used as well.

18. Page 50, 2.2.9.1.10.4.4.1, first sentence

For this data read these data

19. Page 51, 2.2.9.1.10.4.4.5, text after the heading

Not applicable to English

20. Page 51, 2.2.9.1.10.4.4.6 (b)

Not applicable to English

21. Page 51, 2.2.9.1.10.4.5

Not applicable to English

22. Page 51, 2.2.9.1.10.4.5.1, first sentence

For summation of the classification of its ingredients read summation of the concentrations of its classified ingredients

23. Page 51, 2.2.9.1.10.4.5.1, last sentence

Not applicable to English

24. Page 51, 2.2.9.1.10.4.5.2, first paragraph

For the existing text substitute

Mixtures may be made of a combination of both ingredients that are classified (as Acute 1 and/or Chronic 1, 2) and those for which adequate test data are available. When adequate toxicity data are available for more than one ingredient in the mixture, the combined toxicity of those ingredients shall be calculated using the following additivity formula, and the calculated toxicity shall be used to assign that portion of the mixture an acute toxicity hazard which is then subsequently used in applying the summation method.

25. Page 52, 2.2.9.1.10.4.5.2, formula, définition of n

Not applicable to English

26. Page 52, 2.2.9.1.10.4.6.1, heading

Not applicable to English

27. Page 52, 2.2.9.1.10.4.6.1, last sentence, at the end

For and it is not necessary therefore to undergo the further classification procedure read ; therefore, it is not necessary to pursue the classification procedure further

28. Page 53, 2.2.9.1.10.4.6.4, first sentence

For the existing text substitute

Category acute 1 ingredients with toxicities well below 1 mg/l may influence the toxicity of the mixture and are given increased weight in applying the summation method.

29. Page 53, 2.2.9.1.10.4.6.4, second sentence

For the existing text substitute

When a mixture contains ingredients classified as acute 1 or chronic 1, the tiered approach described in 2.2.9.1.10.4.6.2 and 2.2.9.1.10.4.6.3 shall be applied using a weighted sum by multiplying the concentrations of acute 1 ingredients by a factor, instead of merely adding up the percentages.

30. Page 53, 2.2.9.1.10.4.6.4, third sentence, at the end

Not applicable to English

31. Page 53, 2.2.9.1.10.4.6.4, last sentence

Not applicable to English

32. Page 54, 2.2.9.1.10.4.6.5, first sentence, at the end

Not applicable to English

33. Page 54, 2.2.9.1.10.4.6.5, last sentence, text between quotes

Not applicable to English

34. Page 55, 2.2.9.3, after the amendment to UN 3091

Delete At the end of the three existing entries, add "(including lithium alloy batteries)" and

35. Page 55, 2.2.9.3, new entry 3480

Not applicable to English

36. Page 57, amendment "Add E2 in column (7b) for:", fifth indent

Not applicable to English

37. Page 57, amendment "Add E1 in column (7b) for:", first indent

For UN No.1043 read UN Nos. 1043, 1044, 1950, 2037, 2857 and 3164

38. Page 58, amendment "Add E1 in column (7b) for:", last indent

For and 3268 read , 3268 and 3316

39. Page 58, second amendment for column (15)

After Class 3, packing group III insert , except for UN 3269

40. Page 60, third line from the top of the page ("For all gases of Class 2" ...)

For in tanks read in ADR tanks

41. Page 62, UN 2031

For column (9) read column (9a)

42. Page 62, UN 2823

For column (9) read column (9a)

43. Page 63, UN 3082

For column (9) read column (9a)

44. Page 69, 3.3.1, SP188, amendment to paragraph (a)

Not applicable to English

45. Page 69, 3.3.1, SP188, amendment to paragraph (b)

Not applicable to English

46. Page 69, 3.3.1, SP188, amendment to last sentence

Not applicable to English

47. Page 71, 3.3.1, SP328, at the end of the first sentence

Not applicable to English

48. Page 77, 3.4.10 (b), first paragraph

For the existing text substitute

- (b) Containers carrying packages with dangerous goods in limited quantities, on transport units with a maximum mass exceeding 12 tonnes, shall be marked in accordance with 3.4.12 on all four sides except when placards are already affixed in accordance with 5.3.1.

49. Page 90, IBC520, for UN 3119
For (ninth entry) read (eighth entry)
50. Page 90, 4.1.4.3, LP621
Not applicable to English
51. Page 91, 4.1.6.8, new paragraph (e)
Not applicable to English
52. Page 95, 4.1.10.4, MP24, second and third indents
Insert 0197, before 0238
53. Page 98, 5.2.1.8.1
Not applicable to English
54. Page 103, 5.4.1.1.3, in the sentence to add at the end, in the example between parentheses
Insert (E), before WASTE
55. Page 107, instructions in writing model, table, column (1), first row
Not applicable to English
56. Page 107, instructions in writing model, Note 2
Not applicable to English
57. Page 108, footnotes b and c
Not applicable to English
58. Page 109, 6.1.3.1 (a) (i), last sentence
Insert or after of the symbol;
59. Page 132, 6.2.2.7, fourth and fifth sentences
Not applicable to English
60. Page 135, 6.2.2.7.6, introductory text
Insert inspection after periodic

61. Page 136, 6.2.2.8, fourth sentence

Not applicable to English

62. Page 136, 6.2.2.8, fifth sentence

Not applicable to English

63. Page 140, 6.2.3.6.2

Delete.

64. Page 144, table, column (2)

The title of document EN 1964-3:2000 should read Transportable gas cylinders - Specification for the design and construction of refillable transportable seamless steel gas cylinders of water capacities from 0.5 litre up to and including 150 litres - Part 3: Cylinders made of seamless stainless steel with an Rm value of less than 1100 MPa

65. Page 145, table, column (3)

The applicable subsections and paragraphs for document EN 12205:2001 should read 6.2.3.1 and 6.2.3.4

66. Page 151, 6.2.5.4.1, table, left column

Not applicable to English

67. Page 156, 6.3.5.1.6, amendment to paragraph (f)

Not applicable to English

68. Page 160, 6.3.5.4.2, first line from the top of the page

For would penetrate read could penetrate

69. Page 160, 6.3.5.5.1, first amendment

Not applicable to English

70. Page 162, 6.4.23.15

For the existing amendment, substitute

6.4.23.15 Add at the end "under 1.6.6.2.1, 1.6.6.2.2, 6.4.22.2, 6.4.22.3 and 6.4.22.4".

71. Page 166, 6.7.4.14.4

Not applicable to English

72. Page 166, 6.7.5.2.1, in the phrase to be replaced

Not applicable to English

73. Page 166, 6.7.5.4.1, first sentence

Delete shall be

74. Page 170, table

The entry for EN 13094:2004 should read

(1)	(2)	(3)	(4)	(5)
6.8.2.1	EN 13094:2004	Tanks for the transport of dangerous goods – Metallic tanks with a working pressure not exceeding 0.5 bar – Design and construction		As from 1 January 2005

75. Page 171, table

The entry for EN 13094:2004 should read

(1)	(2)	(3)	(4)	(5)
6.8.2.1	EN 13094:2004	Tanks for the transport of dangerous goods – Metallic tanks with a working pressure not exceeding 0.5 bar – Design and construction		As from 1 January 2005

76. Page 171, table

Not applicable to English

77. Page 172, 6.8.3.4.6 (a)

Delete , UN No. 1076 phosgene

78. Page 174, 7.4.1

Not applicable to English

79. Page 178, S15, second sentence

For the load compartment is locked and the packages read the loaded compartment is locked or the packages

80. Page 178, S20, at the end

Delete more than
