ECONOMIC COMMISSION FOR EUROPE

INLAND TRANSPORT COMMITTEE

**Working Party on the Transport
of Dangerous Goods**
**(Seventy-second session,
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Proposed corrections to the restructured ADR

Submitted by Germany

On the occasion of the implementation of the restructured ADR the Federal Ministry of Transport, Building and Housing received a huge amount of comments and hints regarding possible mistakes and inconsistencies in the texts. On April 15 to 17, 2002 a working group, with kindly participation of Mr. Jochen Conrad (OTIF secretariat), checked all contributions. The outcome is a list of necessary corrections. As far as these corrections apply to the English and / or French edition of ADR they are listed below. Germany proposes that they still should be worked in to the 2003-editions of ADR for safety reasons.

List of corrections

1. **1.1.3.6.2**
    In the list of provisions, for part 8, which are excepted from the exemption, in the line "S2" delete "and (3)"
    (sub-paragraph (3) is applied for FL-vehicles, but transport in tanks is not covered by 1.1.3.6)

2. **1.4.2.2.1 (d)**
    Delete "fixed tanks,"
    (fixed tanks are - by definition - included in tank-vehicles)

3. **2.2.1.1.4, 2nd Sentence**
    Replace "in section 2.3.1" with "in sections 2.3.0 and 2.3.1"

4. **2.2.1.3**
    For classification code 1.4C (in the column of substances) add "0501 PROPELLANT, SOLID"
    (for classification codes 1.1 C and 1.3 C propellants are mentioned as well)

5. **2.2.3.1.7**
    Delete "the test procedures in accordance with section 2.3.2 , and";
    before "2.2.3.1.1" insert "2.3.3.1, 2.3.4 and"

6. **2.2.41.2.3**
    Delete the last line;
    in the line before replace ";" with "."
    (Barium azide with water less than 50 % (mass) is covered by Special Provision 568)

7. **2.2.41.4, Remark (4)**
Replace "2.2.41.1.17" with "2.2.41.1.15"
(see UN Model Regulations, 2.4.2.3.2.4 (b))

8. **2.2.52.4, Page 147**
For "DI-tert-BUTYL PEROXIDE" (first column, third entry: ? 32) add "(in tanks)"

9. **French edition only: 2.2.52.4, Page 156**
In the first line of "PEROXYBENZOATE DE tert-BUTYLE" replace "?22" with "<22"
(see also the English edition)

10. **French edition only: 3.2, Table A, UN No. 1112**
Replace "NITRATES D'AMYLE" with "NITRATE D'AMYLE"

11. **3.2, Table A, UN 1051 and 2903**
In column 18 add "CV1"
(see marginal 61 407 ADR 1999)

12. **3.2, Table A, UN 1133, 1210, 1263 and 1866 (all PG III and non viscous)**
In column 9a add "PP1"

13. **3.2, Table A, UN 1411**
In column 19 add "S2"
(see marginal 10 353 ADR 1999)

14. **3.2, Table A, UN 1436 (PG II and III) and 2805**
In column 9a add "PP40"

15. **3.2, Table A, UN 1442**
In column 7 replace "LQ10" with "LQ11"

16. **3.2, Table A, UN 1560 and 1809**
In column 9b replace "MP18" with "MP8 MP17"

17. **3.2, Table A, UN 1598**
In column 9b replace "MP15" with "MP10"

18. **3.2, Table A, UN 1600 and 3250**
In column 15 replace "2" with "0"
(no transport in packagings allowed)

19. **3.2, Table A, UN 1693 and 1889**
In column 9b replace "MP8 MP17" with "MP18"

20. **3.2, Table A, UN 1729**
in column 7 replace "LQ23" with "LQ22"

21. **3.2, Table A, UN 1766**
in column 7 replace"LQ0" with "LQ22"

22. **3.2, Table A, UN 1792**
in column 8 replace"P002 IBC08" with "P001 IBC02"
in column 9a delete "B2 B4"
in column 9b replace "MP10" with "MP15"

23.   3.2, Table A, UN 1805 SOLID
in column 8 replace "LP01" with "LP02"

24.   3.2, Table A, UN 1889
in column 8 replace "P001" with "P002"

25.   3.2, Table A, UN 1992 PG I
in column 13 add "TU14"

26.   3.2, Table A, UN 2210
in column 12 replace "SGAN" with "SGAV"

27.   3.2, Table A, UN 2447 and 3254
in column 19 add "S20"
(see marginal 42 321 ADR 1999)

28.   3.2, Table A, UN 2602
in column 2 replace name and description with "DICHLORODIFLUOROMETHANE AND 1,1-
DIFLUOROETHANE AZEOTROPIC MIXTURE ..."
(see marginal 2201 item 2a) ADR 1999)

**29.   3.2, Table A, UN 2870 (... IN DEVICES), 3129 (PG III), 3130 (PG III), 3148 (PG III) and 3207
(PG II and III)**
for each entry in column 8 delete "PR1"
(P001 and P002 do not contain the PR1-entry)

30.   3.2, Table A, UN 2900, risk group 2
in column 4 add "II"
(see 2.2.62.1.4)

31.   3.2, Table A, UN 2984
in column 9a add "PP10"

32.   3.2, Table A, UN 3052 SOLID
in column 10 delete "T21"
in column 11 delete "TP2 TP7"
(see UN Model Regulations)

33.   3.2, Table A, UN 3090 and 3091
in column 8 add "P903a"

34.   3.2, Table A, UN 3095, PG I
in column 12 add "S10AN"

35.   3.2, Table A, UN 3176, PG III
in column 10 replace "T3" with "T1"

36.   3.2, Table A, UN 3288 PG III, 3289 PG II and 3290 PG II
in column 18 delete "CV1"
(see marginal 61 407 (1) ADR 1999)

37.   3.2, Table A, UN 3290 PG I
in column 12 add "L10CH"

38. 3.2, Table A, UN 3291
in column 18 add "CV25"
(see marginal 62 414 ADR 1999)

39. 3.2, Table A, UN 3319, 3343, 3344 and 3357
in column 19 add "S17"

40. 3.3.1, Special Provision 513
at the beginning insert "UN No. 0224 barium azide, dry or wetted with less than 50 % water, by mass
is a substance of Class 1."
 behind "... Class 4.1." insert "UN No. 1854 barium alloys, pyrophoric are substances of Class 4.2."
behind "... UN No. 1449 barium peroxide" insert "UN No. 2719 barium bromate and UN No. 2741
barium hypochlorite with more than 22% available chlorine" and as a consequence replace the original
"and" by a comma.
behind "... Class 5.1" add "UN No. 1565 barium cyanide and UN No. 1884 barium oxide are
substances of Class 6.1."

41. 4.1.4.1, P404
in the list of UN-numbers delete "1370" and add "2441"

42. 4.1.4.1, P410, PP40
delete UN 1404, 1485, 1495 and 3247 from the list
(in Table A different Packing Instructions are assigned to these UN Nos.)

43. 4.1.4.1, P520
in the third line replace "4.1.7" with "4.1.7.1"
(please compare with SP IBC520, correction improves user friendliness)

44. 4.1.4.2, IBC02, B5
between "2014" and "and 3149" insert ", 2984"

45. 4.1.4.4, Introduction Paragraph
in the second line between "P402" and "or P601" insert ", P404"

46. 4.1.9.2.3 (b)
replace "2.2.7.2" with "2.2.7.5"
(2.2.7.2 contains only a remark that leads to 2.2.7.5)

47. 4.2.4.2.6, T23, UN 3109 PINANYL HYDRPEROXIDE
replace the concentration from "50%" with "56%"
(see 2.2.52.4)

48. 4.2.4.2.6, T50, UN 1075
replace with "Petroleum gases, liquefied"
(see 3.2, table A)

49. 4.2.4.2.6, T50, UN 2602
replace entry in column 2 with "DICHLORODIFLUOROMETHANE AND 1,1-DIFLUOROETHANE
AZEOTROPIC MIXTURE ..."
(see marginal 2201 item 2a) ADR 1999 and 3.2 table A)

50. 4.3.4.1.2, Table for Tank code LGBF
before "and groups of ..." insert a new line: class "3", classification code "D", packing group "II, III"
(entry needed with regard to UN 2059)

51. **4.3.4.1.2, Table for Tank code L1.5BN**
duplicate the first entry and replace classification code "F1" with "D"
(entry needed with regard to UN 2059)

52. **4.3.4.1.2, Table for Tank code L1.5BN**
before the new line"3 D I,II ..." insert a new line: class "3", classification code "F1", packing group "III
flashpoint < 23 °C, viscous, 1.1 bar < vapour pressure at 50 °C ? 1.75 bar";
as a consequence:
in the table for tank code LGBF in the first line behind "II" add", III", delete the line "3 F1 III"
in the table for tank code L4BN in the first line behind "I" add ", III"
(corrections needed with regard to UN-Nos. 1133, 1139, 1169, 1197, 1210, 1263, 1266, 1286, 1287, 1306, 1866 and 1993)

53. **4.3.4.1.2, Table for Tank code L4BN**
duplicate the first entry and replace classification code "F1" with "D" (without PG III added above)
(entry needed with regard to UN 2059)

54. **4.3.4.1.2, Table for Tank code L4BN**
for class 5.1 insert a new line for classification code "OT1"in combination with packing group "I"
(entry needed with regard to UN 1510)

55. **4.3.4.1.2, Table for Tank code L4BN**
for class 8 delete the line for classification code "CS2"
(the only UN-No. with classification code CS2 is UN 3095, but tank code L4BN is not assigned)

56. **4.3.4.1.2, Table for Tank code L4BH**
for class 6.1 insert a new line for classification code "TW2"in combination with packing group "II"
(entry needed with regard to UN 3125)

57. **4.3.4.1.2, Table for Tank code L4BH**
for class 6.1 insert a new line for classification code "TO2"in combination with packing group "II"
(entry needed with regard to UN 3086)

58. **4.3.4.1.2, Table for Tank code L4BH**
for class 6.1 insert a new line for classification code "TC4"in combination with packing group "II"
(entry needed with regard to UN 3290)

59. **4.3.4.1.2, Table for Tank code L10BH**
for class 8 insert a new line for classification code "CW2"in combination with packing group "I"
(entry needed with regard to UN 3096)

60. **4.3.4.1.2, Table for Tank code SGAV**
for class 4.2 insert a new line for classification code "S4"in combination with packing group "III"
(entry needed with regard to UN 1376)

61. **4.3.4.1.2, Table for Tank code SGAV**
for class 4.2 classification code S2: before packing group "III" insert "II, "
(entry needed with regard to UN Nos. 3088, 3313, 3341 and 3342)

62. **4.3.4.1.2, Table for Tank code SGAN**
for class 4.2 in the line for classification code "S2" delete packing group ", III"
(entry for PG III see tank code SGAV)

63. **4.3.4.1.2, Table for Tank code SGAN**
for class 4.3 insert a new line for classification code "WF2" in combination with packing group "II"
(entry needed with regard to UN 1340)

64. **7.2.3**
behind "PP12" insert within the brackets ", PP37 and PP38";
before "IBC04" insert "P410 Footnote d), P801a (e), "

65. **7.5.2.1, Footnote b)**
replace the text written in brackets with "UN Nos. 2990, 3072 and 3268"
(see definition in 2.2.9.1.8)

66. **7.5.11 CV20**
behind "V8(5) and (6)" insert "of Chapter 7.2"

67. **9.2.1 (Table), 9.3.2 2ⁿᵈ sentence and 9.7.7.1**
delete the references to 9.2.4.7.1
(this paragraph is marked as reserved)

68. **9.7.8.3**
delete "Zone 2"
(Zone 2 is not defined 9.7.8.2)

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