RECOMMENDATIONS ON THE TRANSPORT
OF DANGEROUS GOODS
Model Regulations
(Fifteenth revised edition)

Corrigendum

NOTE: Corrigenda to the Recommendations on the Transport of Dangerous Goods are also made available via INTERNET on the web site of the United Nations Economic Commission for Europe at the following address: http://www.unece.org/trans/danger/publi/unrec/mr_pubdet.html

VOLUME I

1. 1.2.1 Definition of Portable tank, last but one sentence

For transport vehicle or ship read vehicle or vessel

2. 1.5.1.5.2

For 2.7.4.1 read 2.7.2.3.3.1

3. 1.5.2.2 First sentence

For and doses to persons shall be below the relevant dose limits read within the restriction that the doses to individual be subject to dose constraints

4. 1.5.2.2

At the beginning, insert a new first sentence reading

Doses to persons shall be below the relevant dose limits.
5. **2.6.3.6.2**

At the end, insert a new last sentence reading

Animal material affected by pathogens of Category B other than those which would be assigned to Category A if they were in cultures shall be assigned to UN No. 3373.

6. **Chapter 2.9, wherever it appears**

*For acute I read acute 1*

7. **Chapter 2.9, wherever it appears**

*For chronic I read chronic 1*

8. **Chapter 2.9, wherever it appears**

*For chronic II read chronic 2*

9. **Chapter 2.9, wherever it appears**

*For chronic III read chronic 3*

10. **Chapter 2.9, wherever it appears**

*For component read ingredient*

11. **Chapter 2.9, wherever it appears**

*For components read ingredients*

12. **2.9.3.1.1**

For the existing text substitute

2.9.3.1.1 Environmentally hazardous substances include, *inter alia*, liquid or solid substances pollutant to the aquatic environment and solutions and mixtures of such substances (such as preparations and wastes).

For the purposes of this section,

“Substance” means chemical elements and their compounds in the natural state or obtained by any production process, including any additive necessary to preserve the stability of the product and any impurities deriving from the process used, but excluding any solvent which may be separated without affecting the stability of the substance or changing its composition.
13. **2.9.3.2.5 First paragraph, last but one sentence**

For > 0.5 read ≥ 0.5

14. **2.9.3.4.6.5.1**

For component(s) read ingredient(s)

15. **3.3.1 SP 188 (e) (second sentence), (h) and (i)**

Delete lithium

16. **3.3.1 SP 328**

Delete the last sentence.

17. **3.3.1 SP 335, second sentence**

For bulk packaging read bulk container

18. **3.3.1 SP 335**

After the second sentence, insert a new sentence reading

If free liquid is visible at the time the mixture is loaded or at the time the packaging or cargo transport unit is closed, the mixture shall be classified as UN 3082.

19. **3.5.1.2 Table**

For the existing table substitute

<table>
<thead>
<tr>
<th>Code</th>
<th>Maximum net quantity per inner packaging (in grams for solids and ml for liquids and gases)</th>
<th>Maximum net quantity per outer packaging (in grams for solids and ml for liquids and gases, or sum of grams and ml in the case of mixed packing)</th>
</tr>
</thead>
<tbody>
<tr>
<td>E0</td>
<td>Not permitted as Excepted Quantity</td>
<td></td>
</tr>
<tr>
<td>E1</td>
<td>30</td>
<td>1000</td>
</tr>
<tr>
<td>E2</td>
<td>30</td>
<td>500</td>
</tr>
<tr>
<td>E3</td>
<td>30</td>
<td>300</td>
</tr>
<tr>
<td>E4</td>
<td>1</td>
<td>500</td>
</tr>
<tr>
<td>E5</td>
<td>1</td>
<td>300</td>
</tr>
</tbody>
</table>

20. **3.5.1.2 Last sentence**

For outer package read outer packaging
21. **4.1.1** NOTE after the heading

*Insert and LP02 after P201*

22. **4.1.1.3** First sentence

*Insert otherwise before provided*

23. **4.1.4.1** P003, PP17

For the existing text *substitute*

For UN Nos. 1950 and 2037, packages shall not exceed 55 kg net mass for fibreboard packagings or 125 kg net mass for other packagings.

24. **4.1.4.1** P804 (1)

For the existing text *substitute*

(1) Combination packagings with a maximum gross mass of 25 kg, consisting of

- one or more glass inner packaging(s) with a maximum capacity of 1.3 litres each and filled to not more than 90% of their capacity; the closure(s) of which shall be physically held in place by any means capable of preventing back-off or loosening by impact or vibration during transport, individually placed in

- metal receptacles together with cushioning and absorbent material sufficient to absorb the entire contents of the glass inner packaging(s), further packed in

- 1A2, 1B2, 1N2, 1H2, 1D, 1G, 4A, 4B, 4C1, 4C2, 4D, 4F, 4G or 4H2 outer packagings.

25. **4.1.4.2** IBC620

*Delete and the special provisions of 4.1.8*

26. **4.1.4.3** LP621

*Delete and the special provisions of 4.1.8*

27. **4.3.2.4.1** (d)

*For container read containers*

28. **5.2.1**

At the end of the section, insert a new sub-section *reading*
5.2.1.8  **Excepted quantities mark**

Packages containing excepted quantities of dangerous goods shall be marked according to 3.5.4.

29.  **5.2.2.1.3**

For the existing text *substitute*

5.2.2.1.3  With the exception of labels for divisions 1.4, 1.5 and 1.6 of Class 1, the upper half of the label shall contain the pictorial symbol and the lower half shall contain the class or division number 1, 2, 3, 4, 5.1, 5.2, 6, 7, 8 or 9 as appropriate. The label may include such text as the UN number, or words describing the hazard class (e.g. “flammable”) in accordance with 5.2.2.2.1.5 provided that the text does not obscure or detract from the other required label elements.

30.  **5.2.2.1.4 First two sentences**

For the existing text *substitute*

In addition, except for divisions 1.4, 1.5 and 1.6, labels for Class 1 shall show in the lower half, above the class number, the division number and the compatibility group letter for the substance or article. Labels for divisions 1.4, 1.5 and 1.6 shall show in the upper half the division number, and in the lower half the class number and the compatibility group letter.

31.  **5.3.1.2.1 (a)**

For the existing text *substitute*

(a)  Be not less than 250 mm by 250 mm, with a line running 12.5 mm inside the edge and parallel with it. In the upper half of the label the line shall have the same colour as the symbol and in the lower half it shall have the same colour as the figure in the bottom corner;

32.  **6.4.11.11 and 6.4.11.12**

*For "N" shall be subcritical read "N" packages shall be subcritical*

33.  **6.5.4.5.5**

Renumber as 6.5.4.4.4.

34.  **6.7.5.2.1 Last sentence**

*For transport unit or ship read vehicle or vessel*