



Secretariat

Distr.  
GENERAL

ST/SG/AC.10/C.3/2006/56  
13 April 2006

Original: ENGLISH

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**COMMITTEE OF EXPERTS ON THE TRANSPORT OF  
DANGEROUS GOODS AND ON THE GLOBALLY  
HARMONIZED SYSTEM OF CLASSIFICATION  
AND LABELLING OF CHEMICALS**

Sub-Committee of Experts on the  
Transport of Dangerous Goods

Twenty-ninth session  
Geneva, 3-12 (a.m.) July 2006  
Item 5 of the provisional agenda

LIMITED QUANTITIES

Miscellaneous proposals

Note by the secretariat

**UN No. 3357**

1. UN No. 3357 NITROGLYCERIN MIXTURE, DESENSITIZED, LIQUID, N.O.S. with not more than 30% nitroglycerin, by mass, packing group II, has no LQ limit in the Dangerous Goods List.
2. The quantity limits for other desensitized explosives of Class 3 (UN Nos. 1204, 2059, 3064, 3343 and 3379) are as follows:
  - (a) For packing group I: NONE;
  - (b) For packing group II:
    - (i) 1 l for UN 1204 NITROGLYCERIN SOLUTION IN ALCOHOL and for UN 2059 NITROCELLULOSE, SOLUTION, FLAMMABLE;
    - (ii) NONE for UN 3064 NITROGLYCERIN, SOLUTION IN ALCOHOL with more than 1% but not more than 5% nitroglycerin;

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- (c) For packing group III: 5 l;
  - (d) For UN 3343 NITROGLYCERIN MIXTURE, DESENSITIZED, LIQUID, FLAMMABLE, N.O.S. with not more than 30% nitroglycerin, by mass (no packing group listed, see SP 278): NONE.
3. As for UN 3343, UN 3357 shall not be classified and transported unless authorized by the competent authority on the basis of results from Series 2 tests and a Series 6(c) test of the Manual of Tests and Criteria on packages as prepared for transport (see SP 278 and 288).

### *Discussion*

4. The purpose of this paper is to ask the Sub-Committee which quantity limit would be appropriate for UN 3357. The Sub-Committee may wish to note that LQ4 has been assigned to UN 3357 in RID/ADR/ADN.
5. The Sub-Committee may also wish to note that the Part 3 of the guiding principles (see ST/SG/AC.10/C.3/2005/23 as amended by UN/SCETDG/28/INF.8) should be amended as the case of UN Nos 3064 and 3343 are not covered by the existing table METHODOLOGY FOR DETERMINING LIMITED QUANTITIES.

### **UN Nos. 0504, 3354, 3355 and 3374**

6. UN Nos. 0504, 3354, 3355 and 3374 have no LQ limit in the Dangerous Goods List.

### *Proposal*

7. For UN No. 0504, 1H-TETRAZOLE it is proposed to insert "NONE" in Column (7) of the Dangerous Goods List as this is the case for other Class 1 substances and articles.
8. For UN Nos. 3354 INSECTICIDE GAS, FLAMMABLE, N.O.S. and 3374 ACETYLENE, SOLVENT FREE, it is proposed to insert "NONE" in Column (7) of the Dangerous Goods List as this is the case for other flammable gases of Division 2.1.
9. For UN No. 3355 INSECTICIDE GAS, TOXIC, FLAMMABLE, N.O.S., it is proposed to insert "NONE" in Column (7) of the Dangerous Goods List as this is the case for other N.O.S. gases of Division 2.3.

### **Water-reactive liquids**

10. UN Nos. 3129, 3130 and 3148 apply to water-reactive liquids of Class 4.3. The applicable quantity limit for the inner packaging specified for packing groups II and III of these liquids is expressed in g/kg in the fourteenth revised edition of the UN Recommendations on the Transport of Dangerous Goods.

*Discussion*

11. The purpose of this paper is to ask the Sub-Committee whether a quantity limit in ml/l would be appropriate for these entries and which would be the quantity limit in that case.
12. Should the Sub-Committee adopt new quantity limits for these entries, the guiding principles (see ST/SG/AC.10/C.3/2005/23 as amended by UN/SCETDG/28/INF.8) should be amended accordingly.

**UN No. 3356**

13. UN No. 3356 OXYGEN GENERATOR, CHEMICAL† has no LQ limit in the Dangerous Goods List.

*Discussion*

14. The purpose of this paper is to ask the Sub-Committee which quantity limit would be appropriate for this entry.

**Guiding principles for determining limited quantities for Class 5.1**

15. Most entries of Class 5.1, Packing group II have a quantity limit of either 1 kg for solid substances or 1 l for liquid substances. Only UN No 2880 CALCIUM HYPOCHLORITE, HYDRATED or CALCIUM HYPOCHLORITE, HYDRATED MIXTURE, with not less than 5.5% but not more than 16% water and with Subsidiary risk 4.2 and UN No 3375 AMMONIUM NITRATE EMULSION are not permitted to be transported in accordance with Chapter 3.4 ("NONE" in Column (7) of the Dangerous Goods List).
  16. The sub-committee may wish to note that the table METHODOLOGY FOR DETERMINING LIMITED QUANTITIES in Part 3 of the guiding principles (see ST/SG/AC.10/C.3/2005/23 as amended by UN/SCETDG/28/INF.8) should be amended as the quantity limits in ml/l for liquid substances of Class 5.1, Packing group II, are not listed. Furthermore, the quantity limits indicated in this table for solid substances of Class 5.1, Packing group II should also be amended, as the limits indicated are different than those in the Dangerous Goods List.
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