



Secretariat

Distr.
GENERAL

ST/SG/AC.10/C.3/2005/27
29 August 2005

ORIGINAL: ENGLISH

**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-eighth session, 28 November-7 December 2005
Item 5 of the provisional agenda

LISTING, CLASSIFICATION AND PACKING

Nitric acid UN 2031

Transmitted by the expert from Germany

1. The expert from Germany draws the attention of the Sub-Committee to certain inconsistencies he has noted in the Model Regulations concerning the mentioned entry in the Dangerous Goods List.
2. Nitric acid, UN 2031 is a substance of Class 8. According to its technical description it may be a substance of PG I if it is nitric acid, other than red fuming, with more than 70% nitric acid or of PG II with a content of not more than 70% nitric acid.
3. For substances of PG I a subsidiary risk of division 5.1 is required.
4. In accordance with the UN Manual of Tests and Criteria any substance which exhibits a mean pressure rise time greater than the mean pressure rise time of a 1:1 mixture, by mass, of 65% aqueous nitric acid and cellulose (which is 4767 s) is not a substance of division 5.1 (see 34.4.2).
5. Therefore it is the opinion of the expert of Germany that the technical descriptions of column (2) of the Dangerous Goods List should be amended to be in line with the classification criteria of division 5.1.

Proposal

6. To avoid misleading and to bring in line the requirements of labelling with the classification criteria of division 5.1 the name and descriptions of column (2) of UN 2031 should be read as follows:

For PG I: "NITRIC ACID, other than red fuming, with not less than 65% nitric acid".

For PG II: "NITRIC ACID, other than red fuming, with less than 65% nitric acid".
