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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 6 of the provisional agenda

LISTING, CLASSIFICATION AND PACKING

Nitric acid UN 2031

Transmitted by the International Council of Chemical Associations (ICCA) and
the International Council of Chemical Trade Associations (ICCTA)

Background

During the discussion at the 28th session the Sub-Committee of documents ST/SG/AC.10/C.3/2005/27 (Germany) and INF.17 (ICCA) regarding the classification of Nitric acid (UN 2031), it was pointed out that PP81 should also be applied to IBC02. ICCA undertook to submit a formal proposal at the next session.

Discussion

The 3 entries (including the new entry, adopted at the 28th session) for Nitric acid (UN 2031), have the following packing provisions:

- for PG I (>70% nitric acid): P001 and PP81
- for PG II (70%> nitric acid >65% and <65% nitric acid): P001 and PP81, IBC02.

Special packing provision PP81 limits, for nitric acid with more than 55% nitric acid, the use of plastics drums and jerricans as single packagings to two years from their date of manufacture. A similar special packing provision is missing however for the packing instruction IBC02. Because this packing instruction IBC02 authorises the use of rigid plastics IBC's (31H1 and 31H2) and composite IBC's with rigid plastics inner receptacle, it is evident that this same limitation in time should be applied to IBC02 for the two PG II entries of UN 2031, which have been assigned IBC02.

The industries involved agree that a similar special packing provision related to plastics IBC's should indeed be added to IBC02, hereby aligning all plastics packagings for nitric acid with a concentration above 55% to the same limitation.

As most of the Nitric acid, in the concentration range between 50 and 70%, is already transported in metal IBC's, it is believed that this will not create a major change in current operations.

Proposal

1. Add a new special packing provision Bx to packing instruction IBC02:

“Bx: For UN 2031 with more than 55% nitric acid, the permitted use of rigid plastics IBC's and of composite IBC's with a rigid plastics inner receptacle, shall be two years from their date of manufacture.”

2. Add Bx to column (9) of the Dangerous Goods List for the two entries of PG II for UN 2031.
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