

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

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PACKAGING

Miscellaneous proposals

The packaging instruction of DICHLOROISOCYANURIC ACID SALTS

Transmitted by the expert from the People's Republic of China

Background

The packaging of DICHLOROISOCYANURIC ACID SALTS (UN No. 2465) is IBC_s. Its packaging instruction is IBC08 and the special packing provision is B4. Specific packing provision B4 require that **Flexible, fibreboard or wooden IBC_s shall be sift-proof and water resistant or shall be fitted with a sift-proof and water resistant liner.** For flexible IBC_s (13H and 13L), There is no stipulations in chapter 6.5 about which types of the IBC_s are water resistant. Clause 6.1.4.15.3 **water resistant Bag 5L3** and 6.1.4.16.4 **water resistant Bag 5H3** in the orange book stipulate in (a), (b), (c) that **(a) Separate inner liners of water resistant paper (e.g. waxed kraft paper, tarred paper or plastics-coated kraft paper); or (b) Plastics film bonded to the inner surface of the bag; or (c) One or more inner liners made of plastics material.** It can be comprehended from these above that water resistant flexible IBC_s contains 13L2, 13L3, 13L4, 13H2, 13H3, 13H4, 13H5 and 13M2. But this is not suitable. First, the packaging instruction P002 for DICHLOROISOCYANURIC ACID SALTS stipulates the “Bag (5H3, 5H4, 5L3, 5M2)”. All these types of packaging are stated clearly as water resistant in Chapter 6.1. Although 5H2, 5L2 have coating or liner, they are not definitely water resistant. Second, in August 2002 at Chinese Qingdao port, the flexible IBC_s (woven plastic) 13H2 containing DICHLOROISOCYANURIC ACID SALTS met with sudden heavy rain. The container intake water and exploded several hours later.

Because DICHLOROISOCYANURIC ACID SALTS is a strong oxidant, it reacts strongly when meeting with water and has the danger of catching fire or explosion. It is very important for its packaging to be water resistant. It is not defined clearly about the concept of water resistant flexible IBC_s in Chapter 6.5, and the packaging instruction IBC08 does not specify the types of water resistant flexible IBC_s. For these reasons, we propose to modify the packaging instruction of IBC_s for DICHLOROISOCYANURIC ACID SALTS to specify the types of flexible IBC_s for DICHLOROISOCYANURIC ACID SALTS in 4.1.4.2 Special Packing Provision in order to avoid the misunderstanding about water resistant flexible IBC_s.

PROPOSAL 1

Modification of Special Packing Provision stipulations B3 in 4.1.4.2:

Former B3: **Flexible IBC_S shall be sift-proof and water resistant or shall be fitted with a sift-proof and water resistant liner.**

Modified B3: **Flexible IBC_S shall be sift-proof and water resistant or shall be fitted with a sift-proof and water resistant liner (13H4,13H5,13L4 or 13M2).**

PROPOSAL 2

Add B3 in “Special Provisions of Packaging and IBC_S” of UN No.2465 in the DANGEROUS GOODS LIST.
