



**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****Fourtieth session**

Geneva, 28 November – 7 December 2011

Item 2 (c) of the provisional agenda

Listing, classification and packing: miscellaneous**IBC packing instruction requirements for solids that may
become liquid****Transmitted by the Dangerous Goods Advisory Council (DGAC)¹**

1. Amendments to the fifteenth revised edition removed from IBC packing instructions intended for solids (i.e., IBC 04 to 08) IBC types that are intended for liquids (see ST/SG/AC.10/36/Add.1, page 44. The changes were made on the basis of ST/SG/AC.10/C.3/2008/8.
2. A problem that has come to light as the amendments to the fifteenth edition are being implemented is that, up until now, certain of the liquid IBC types were used to transport powdery solids and solids that become liquid under conditions of transport. These solids may be loaded and unloaded from the IBC in liquid form raising the question of whether remaining IBCs listed in these packing instructions, which are intended for gravity or pressure filling or discharge, are appropriate (see 6.5.1.4.3).
3. While ST/SG/AC.10/C.3/2008/8 raised concern about the use of 31HZ2 IBCs (flexible plastic liner) for use in transporting solids, DGAC is not aware of other safety concerns regarding the use of other liquid IBC types previously authorized in the relevant IBC packing instructions and proposes that they be reinstated as authorized IBC types.

¹ In accordance with the programme of work of the Sub-Committee for 2011-2012 approved by the Committee at its fifth session (refer to ST/SG/AC.10/C.3/76, para. 116 and ST/SG/AC.10/38, para. 16).

Proposal

4. In 4.1.4.2 make changes to the IBC packing instructions, as follows:
 - In IBC04 add "31A, 31B and 31N" after "21N".
 - In IBC05 In (1) add "31A, 31B and 31N" after "21N".
 - In (2), add "31H1 and 31H2" after "21H2".
 - In (3), add "and 31HZ1" after "21HZ1".
 - In IBC06, IBC07 and IBC08
 - In (1), add "31A, 31B and 31N" after "21N".
 - In (2), add "31H1 and 31H2" after "21H2".
 - In (3), add "31HZ1" after "21HZ2".
- Delete the "and" before 21N, 21H2, 21HZ2 as appropriate as part of the above changes.
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