

**COMMITTEE OF EXPERTS ON THE
TRANSPORT OF DANGEROUS GOODS**

(Twentieth session,
Geneva, 7-16 December 1998)

**WORK OF THE SUB-COMMITTEE OF EXPERTS ON
THE TRANSPORT OF DANGEROUS GOODS**

USE OF PACKAGINGS AND IBCs

Packing Instructions

Transmitted by the experts from Sweden and Norway

Proposal in connection with document ST/SG/AC.10/1998/16/Add.2 and Add.5

1. Introduction

In document ST/SG/AC.10/1998/16/Add.2 UN number 2672 Ammonia solution is allocated the IBC packing instruction IBC 03. In ST/SG/AC.10/1998/16/Add.5 the packing instruction IBC 03 states that only liquids with a vapour pressure less than or equal to 110 kPa at 50 C, or 130 kPa at 55 C, are authorised in IBCs. Due to this requirement only ammonia solution with a low concentration can be transported according to this packing instruction. In Sweden and Norway 25 % ammonia solution has been transported in rigid and composite plastics IBCs (31H1/31HZ1/31HZ2) for more than twenty years without any incidents or accidents. The ammonia solution transported in IBCs is mainly used in the paper and pulp industry for pH adjustment and for the ensilage of grass and straw for animal consumption.

2. Proposals

- (a) In document ST/SG/AC.10/1998/16/Add.2 add new special packing provision B10 for ammonia solution UN number 2672.
- (b) In document ST/SG/AC.10/1998/16/Add.5 add new special packing provision B10.
- (c) The text of the new B10 shall read:

B10: UN 2672 Ammonia solution in concentrations up 30 % may be transported in rigid or composite plastics IBCs (31H1/31HZ1/31HZ2).“
