

**Sub-Committee of Experts on the  
Transport of Dangerous Goods**  
(Nineteenth session,  
2-6 July 2001, agenda item 8(b))

## **EXPLOSIVES, SELF-REACTIVE SUBSTANCES AND ORGANIC PEROXIDES**

### **Comments on ST/SG/AC.10/C.3/2001/23** **New Entry for Ammonium Nitrate Emulsions in Class 1**

#### **Transmitted by the Expert from the United States of America**

The expert from the United States of America has carefully reviewed the proposal from Sweden to create a new entry for ammonium nitrate emulsions as Division 1.5D explosives as presented in ST/SG/AC.10/C.3/2001/23. We oppose the proposal for the following reasons:

1. There are already two entries, UN 0241 and UN 0332 Explosive, Blasting, Type E in the UN Dangerous Goods List (DGL) which cover emulsion type blasting explosives as indicated in the Index. There is no need to create a new entry.
2. Sweden's proposal to classify ammonium nitrate emulsions which have explosive properties as 1.5D explosive is inadequate. Some sensitised ammonium nitrate emulsions may meet the criteria for 1.1D rather than 1.5D.
3. Blasting explosives assigned to UN 0241 or UN 0332 are authorized for transport in IBCs in accordance with packing method IBC 100. If these explosives are considered to be safe for transport in portable tanks a proposal should be made to assign portable tank provisions to UN 0241 and UN 0332 in the DGL rather than creating a new entry in the Dangerous Goods List.

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