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COMMITTEE OF EXPERTS ON THE  
TRANSPORT OF DANGEROUS GOODS  
Sub-Committee of Experts on the  
Transport of Dangerous Goods  
(Seventeenth session,  
Geneva, 6-17 December 1999,  
agenda item 5 (a))

MISCELLANEOUS DRAFT AMENDMENTS TO THE MODEL REGULATIONS  
ON THE TRANSPORT OF DANGEROUS GOODS

Listing and classification

Hydrazine hydrate and hydrazine, aqueous solution

Transmitted by the expert from Canada

Background

1. The decision taken at the 16th Session to divide the entry for UN 2030 into three packing groups has led to a strange conundrum. How can hydrazine hydrate (CAS [7803-57-8]), an individual specific chemical compound, have different packing groups?
2. The existing entry for hydrazine hydrate in the 11th revised edition of the Modal Regulations is classified as Class 8 (6.1) packing group II. This compound is formed by the reaction of hydrazine with water and contains 64% hydrazine by mass.
3. Aqueous solutions of hydrazine and water where more than 64% hydrazine is present might be better described as "mixtures of hydrazine and hydrazine hydrate". Similarly, aqueous solutions with less than 64% hydrazine could be "Hydrazine hydride, aqueous solutions"
4. Canada suggests the following proposal to resolve this problem.

