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TRANSPORT OF DANGEROUS GOODS**

**Sub-Committee of Experts on the  
Transport of Dangerous Goods**  
(Sixteenth session,  
Geneva, 5-16 July 1999,  
agenda item 5 (a))

**MISCELLANEOUS DRAFT AMENDMENTS TO THE MODEL REGULATIONS  
ON THE TRANSPORT OF DANGEROUS GOODS****Hydrazine, aqueous solutions (UN 2030)****Transmitted by the Expert from Germany***Ref.:* ST/SG/AC.10/1998/8**Rationale**

Existing entries:

UN 2029	HYDRAZINE, ANHYDROUS	8	3, 6.1	I
UN 2030	HYDRAZINE HYDRATE or HYDRAZINE, AQUEOUS SOLUTION with not less than 37 % but not more than 64 % hydrazine, by mass	8	6.1	II
UN 3293	HYDRAZINE, AQUEOUS SOLUTION with not more than 37 % hydrazine, by mass	6.1		III

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The existing entries have the advantage of an undoubted assignment of packing groups. The United States proposal seems to give up this advantage. It becomes not clear to a consigner which packing group to choose for aqueous solutions of hydrazine in a concentration range above 37 %.

In the European Union legislation on the use of chemicals there are separate entries for *hydrazine* and *salts of hydrazine*. The latter includes aqueous solutions with more than 64 % hydrazine.

Hydrazine as a base is a very volatile liquid which is miscible with water. The saturated solution is hydrazine hydrate which contains 64 % hydrazine.

Concerning the highly corrosive effects of solutions above 64 %, UN 2030 could be split into 2 categories by adding a Special Provision to read as follows:

"ABC      Aqueous solutions of hydrazine salts containing more than 64 % hydrazine, by mass, should be allocated to packing group I."

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