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

**Sub-Committee of Experts on the
Transport of Dangerous Goods**
(Eighteenth session, 3-14 July 2000,
agenda item 6 (b))

**GLOBAL HARMONIZATION OF SYSTEMS OF CLASSIFICATION
AND LABELLING OF CHEMICALS**

Health hazards and hazards to the environment

Transmitted by the expert from Argentina

1. The expert from Argentina agrees that the UN Recommendations have become Model Regulations.
2. When a substance is tested according to the DATA SHEET (page 4 of the 11th edition of the Recommendations) they should also be tested with respect to hazard to the environment, and the substance should not be shipped unless the DATA SHEET tests and classification process have been completed (see ST/SG/AC.10/C.3/707).
3. So, the expert from Argentina proposes the following:

"2.9.2.8.3.9 The data sheet in Figure 1 of the Recommendations on the Transport of Dangerous Goods should be filled. [When data are not available, laboratory tests should be made to classify a substance]; that substance should not be shipped if the data sheet was not afforded before" (see ST/SG/AC.10/C.3/34/Add.2)

4. In the Recommendations (11th edition), in the data sheet, figure 1.1., page 4 (English), include the following:

"Section 9 DANGER TO THE ENVIRONMENT

9.1 Is the substance hazardous to the environment? yes/no

The data are (indicate if for fresh or salt water):

9.1.1 Acute toxicity

9.1.1.1 96 hour LC₅₀ fish toxicity

9.1.1.2 48 hour EC₅₀ crustacea toxicity (preferable *Artemia salina*)
72 hour EC₅₀ daphnia magna (algae or other aquatic plant)

9.8.2 Chronic toxicity

9.8.2.1 96 hour EC₅₀ fish toxicity

9.8.2.2 48 hour EC₅₀ crustacea toxicity (preferable *Artemia salina*)
72 hour EC₅₀ daphnia magna (algae or other aquatic plant)

9.8.3 Bioaccumulation

9.8.3.1 log KOW

9.8.3.2 BCF

9.8.4 Degradability

9.8.4.1 BOD

9.8.4.2 COD

[9.8.4.3 Oxygen demand]"
