



**Secretariat**

Distr.  
GENERAL

ST/SG/AC.10/2000/4  
18 July 2000

ORIGINAL : ENGLISH

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

(Twenty-first session,  
4-13 December 2000,  
agenda item 4 (a) (ii))

**ACTIVITIES RELATED TO THE IMPLEMENTATION OF AGENDA 21**

**Global Harmonization of Systems of Classification  
and Labelling of Chemicals**

**Health hazards and hazards to the environment**

**Comments to ST/SG/AC.10/C.3/2000/4 from Argentina**

**Transmitted by the expert from Germany**

1. The expert from Argentina is proposing an amendment to the Data Sheet (Figure 1 in the UN Recommendations). He suggests to add a new section 9.
2. The expert from Germany supports the general principle, but for editorial reasons proposes to insert the section to show test data and information about environmental hazards as section 6. It would then be closely related to all data about the hazardous properties of a substance or product, for which a new UN number may be required in future. Consequently existing sections 6 to 8 would be changed to sections 7 to 9.
3. An editorially amended proposal can be found in the annex to this document. The expert from Germany proposes this version for adoption by the Committee.

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4. The expert from Germany further suggests to add Large Packagings to new section 7.2 as 7.2.3 (existing section 6.2) and to new section 8 as 8.2 (existing section 7). As Large Packagings are not permitted generally, but for some groups of substances only in the Model Regulations, Governments or industry organizations presenting a Data Sheet for a new UN number should be permitted to indicate whether they wish to propose Large Packagings for transport and, if yes, which type(s) of it.

5. The proposal from the expert from Argentina to amend 2.9.2.8.3.9 to require obligatory testing of aquatic environmental hazard may, at this stage of the debate, be misleading and be too stringent, as the Model Regulations do not generally require competent authority classification but to a wide extent permit and encourage self classification by industry.

6. However, it should be made clear that test data for environmental hazard should be presented, if relevant, in the Data Sheet for assigning a new UN number to a substance or product once criteria for this hazard have been included in the Model Regulation and the Manual of Tests and Criteria.

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**Annex****Amendment concerning Data Sheet, Figure 1**

Figure 1 DATA SHEET TO BE SUBMITTED TO THE UNITED NATIONS FOR NEW OR AMENDED CLASSIFICATION OF SUBSTANCES

## Section 6. Environmental Effects

## 6.1 Acute aquatic toxicity (2.9.2.2.3)

6.1.1 96 hour LC<sub>50</sub> (for fish).....mg/L Species.....6.1.2 48 hour EC<sub>50</sub> (for crustacea).....mg/L Species.....6.1.3 72 or 96 hour ErC<sub>50</sub>  
(for algae or other aquatic plants).....mg/L Species.....

## 6.2 Potential for or actual bioaccumulation (2.9.2.2.4)

6.2.1 BCF..... Species.....

6.2.2 log K<sub>OW</sub>.....

## 6.3 Is the substance readily degradable ? (2.9.2.2.5 and 2.9.2.4) yes/no

6.3.1 If yes, give details.....

.....  
.....

## 6.4 Chronic aquatic toxicity (2.9.2.2.6)

6.4.1 NOEC or L(E)C<sub>x</sub> (for fish).....mg/l Species.....6.4.2 NOEC or L(E)C<sub>x</sub> (for Daphnia).....mg/l Species.....6.4.3 NOEC or L(E)C<sub>x</sub> (for algae).....mg/l Species.....

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Existing Section 6 to become new Section 7.

Existing Section 7 to become new Section 8.

Existing Section 8 to become new Section 9.  
  
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