



Secretariat

Distr.  
GENERAL

ST/SG/AC.10/C.4/2007/9  
20 September 2007

Original: ENGLISH

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**COMMITTEE OF EXPERTS ON THE TRANSPORT OF  
DANGEROUS GOODS AND ON THE GLOBALLY  
HARMONIZED SYSTEM OF CLASSIFICATION  
AND LABELLING OF CHEMICALS**

Sub-Committee of Experts on the Globally  
Harmonized System of Classification  
and Labelling of Chemicals

Fourteenth session,  
Geneva, 12-14 December 2007  
Item 2 (c) of the provisional agenda

**UPDATING OF THE SECOND REVISED EDITION OF THE GLOBALLY HARMONIZED  
SYSTEM OF CLASSIFICATION AND LABELLING OF CHEMICALS (GHS)**

Environmental hazards

Revision of Chapter 4.1:

Consequential amendments to Annexes 1, 2 and 3 of the GHS

Transmitted by the Organization for Economic Co-operation and Development (OECD) <sup>\*/</sup>

This document contains the draft list of amendments to Annexes 1, 2 and 3 of the GHS stemming from the revision of Chapter 4.1 as contained in document ST/SG/AC.10/C.4/2007/8.

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<sup>\*/</sup> In accordance with the programme of work of the Sub-Committee for 2007-2008 approved by the Committee at its third session (refer to ST/SG/AC.10/C.4/24, Annex 2 and ST/SG/AC.10/34, para. 14) (Tasks assigned to OECD in relation to health hazards and hazards to the environment).

**Proposal<sup>1</sup>**1. Amendments to Annex 1

In the headings of the tables for the allocation of label elements in page 259 of the English version, replace “AQUATIC TOXICITY (ACUTE)” and “AQUATIC TOXICITY (CHRONIC)” with “AQUATIC HAZARD (ACUTE)” and “AQUATIC HAZARD (LONG-TERM)”.

2. Amendments to Annex 2

A2.28 (b) - In the title, replace “Chronic hazards” with “Long-term hazards”;

- For Category 1, replace paragraph 1 with the following text:

“1. *For substances rapidly degradable:*

- (a) NOEC  $\leq$  0.01 mg/l; or if absent
- (b) L(E)C<sub>50</sub>  $\leq$  1 mg/l and BCF  $\geq$  500 (or if absent log K<sub>ow</sub>  $\geq$  4)

2. *For substances non-rapidly degradable:*

- (a) NOEC  $\leq$  0.1 mg/l; or if absent
- (b) L(E)C<sub>50</sub>  $\leq$  1 mg/l”

Renumber current paragraphs “2”, “3” and “4” as “3”, “4” and “5” respectively.

- For Category 2, replace paragraph 1 with the following text:

“1. *For substances rapidly degradable:*

- (a) 0.01 < NOEC  $\leq$  0.1 mg/l or if absent
- (b) 1 mg/l < L(E)C<sub>50</sub>  $\leq$  10 mg/l and BCF  $\geq$  500 (or if absent log K<sub>ow</sub>  $\geq$  4)

2. *For substances non-rapidly degradable:*

- (a) 0.1 < NOEC  $\leq$  1 mg/l or if absent
- (b) 1 mg/l < L(E)C<sub>50</sub>  $\leq$  10 mg/l”

Renumber current paragraphs “2”, “3” and “4” as “3”, “4” and “5” respectively.

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<sup>1</sup> *Note by the UNECE Secretariat: Since the proposal submitted originally by the OECD secretariat was based on the text of the first revised edition of the GHS, the secretariat has made the necessary editorial changes to bring the proposal into line with the text of the second revised edition of the GHS. These changes have been agreed by the OECD secretariat.*

- For Category 3, replace paragraph 1 with the following text:

“1. *For substances rapidly degradable:*

- (a)  $0.1 < \text{NOEC} \leq 1 \text{ mg/l}$  or if absent
- (b)  $10 \text{ mg/l} < \text{L(E)C}_{50} \leq 100 \text{ mg/l}$  and  $\text{BCF} \geq 500$  (or if absent  $\log K_{ow} \geq 4$ )

2. *For substances non-rapidly degradable:*

$10 \text{ mg/l} < \text{L(E)C}_{50} \leq 100 \text{ mg/l}$ ”

Renumber current paragraphs “2”, “3” and “4” as “3”, “4” and “5” respectively.

### 3. Amendments to Annex 3

- Section 1, in column (3) of Table A3.1.3 (page 301 of the English version):

replace “acute toxicity (Chapter 4.1)” with “acute hazard (Chapter 4.1)” and “chronic toxicity (Chapter 4.1)” with “long-term hazard (Chapter 4.1)”;

- Section 2, in column (3) of:

- Table A3.2.2, for P273 (page 310 of the English version);
- Table A3.2.3, for P391 (page 319 of the English version); and
- Table A3.2.5, for P501 (page 328 of the English version):

replace “acute toxicity (Chapter 4.1)” with “acute hazard (Chapter 4.1)” and “chronic toxicity (Chapter 4.1)” with “long-term hazard (Chapter 4.1)”.

- Section 3, in the matrix of precautionary statements for hazardous to the aquatic environment (pages 393 and 394 of the English version):

in the title, replace: “CHRONIC HAZARD” with “LONG-TERM HAZARD”

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