



Secretariat

Distr.
GENERAL

ST/SG/AC.10/C.4/2006/22
18 October 2006

ENGLISH
Original: ENGLISH and FRENCH

**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

Twelfth session
Geneva, 12(p.m.)-14 December 2006
Item 2 (d) of the provisional agenda

**UPDATING OF THE GLOBALLY HARMONIZED SYSTEM OF CLASSIFICATION
AND LABELLING OF CHEMICALS**

Miscellaneous proposals

Corrections to the values of cut-off values/concentration limits
for some hazard classes and categories

Note by the secretariat

During the preparation of the proposal for the revision of Annexes 1, 2 and 3 of the GHS (document ST/SG/AC.10/C.4/2006/20/Add.1), the secretariat found a number of inconsistencies in the classification criteria applicable to some of the GHS hazard classes and categories. These inconsistencies consisted mainly in different cut-off values/concentration limits for the same hazard class and/or category in different parts of the GHS.

For the same hazard class and/or hazard category, in some cases the cut-off value found in the text of the relevant paragraph is different from the value contained in the corresponding tables and/or decision logics while, in other cases, these values differ from those contained in the summary classification tables of Annex 2. There are also differences in the cut-off values for the same hazard category in the English and French versions of the GHS.

The inconsistencies to be corrected are listed hereafter.

Chapter 3.2

Criteria for the classification of a substance in Category 2 skin irritant:

	English	French
Para. 3.2.2.5.4 (5 th sentence)	$\geq 2.3 \leq 4.0$	Between 2.3 and 4.0
Para. 3.2.2.5.4, table 3.2.2	$\geq 2.3 < 4.0$	Between 2.3 and 4.0
Annex 2, table A2.18 (English: page 285; French: page 295)	$\geq 2.3 < 4.0$	≥ 2.3 and < 4.0

Chapter 3.3

Reference to pH extremes which may produce serious eye damage (Category 1):

	English	French
Para. 3.3.2.4	≤ 2 and ≥ 11.5	≤ 2 and ≥ 11.5
Para 3.3.3.1	≤ 2 or ≥ 11.5	< 2 or > 11.5
Decision logics 3.3.1 and 3.3.2	≤ 2 or ≥ 11.5	≤ 2 or ≥ 11.5
Notes to figure 3.3.1 (“step 3”)	< 2 and > 11.5	< 2 and > 11.5
Annex 2, table A2.19 (English: page 287; French: page 297)	< 2 and > 11.5	< 2 or > 11.5

Chapter 3.8

For all health hazard classes, the GHS contains a table summarizing the cut-off values/concentration limits of the ingredients of a mixture that would trigger its classification into each of the hazard categories within a hazard class. However, in table 3.8.2 (paragraph 3.8.3.4), no cut-off value/concentration limit or guidance is given for Category 3.

Therefore, it is proposed to amend table 3.8.2 as follows (new text is underlined):

Table 3.8.2: Cut-off values/concentration limits of ingredients of a mixture classified as a specific target organ toxicant that would trigger classification of the mixture as Category 1, ~~or 2~~¹ or 3

Ingredient classified as:	Cut-off/concentration limits triggering classification of a mixture as:		
	Category 1	Category 2	<u>Category 3</u>
Category 1 Target organ toxicant	≥ 1.0 % (note 1)	$1.0 \leq$ ingredient $< 10\%$ (note 3)	---
	≥ 10 % (note 2)		
Category 2 Target organ toxicant	---	≥ 1.0 % (note 4)	---
		≥ 10 % (note 5)	
<u>Category 3</u> <u>Target organ toxicant</u>	---	---	<u>≥ 20 % (see 3.8.3.4.5)</u>

¹ (text of existing footnote 1 remains unchanged).

Chapter 4.1

Criteria for the classification of a mixture in Categories Acute 1, 2 and 3 and Chronic 1, 2, 3 and 4 based on summation of its classified ingredients:

	English	French
Sub-section 4.1.3.5.5.3	greater than 25 %	greater than 25 %
Sub-section 4.1.3.5.5.4		
Table 4.1.2		
Table 4.1.3		
Annex 2, tables A2.28 (a) and (b)	> 25 %	> 25 %
decision logic 4.1.1 (English: pages 237 and 238; French: 248 and 249)	≥ 25%	≥ 25%

Action requested of the Sub-Committee

The Sub-Committee is invited to study those inconsistencies and to decide, for each case, which of the proposed values is to be kept. Any necessary corrections will be included in the next corrigendum to the first revised edition of the GHS.
