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## Globally Harmonized System of Classification and Labelling of Chemicals (GHS)

### Corrigendum

**NOTE:** Corrigenda to the fourth revised edition of the Globally Harmonized System of Classification and Labelling of Chemicals are also made available via INTERNET on the website of the United Nations Economic Commission for Europe at the following address:  
<http://www.unece.org/trans/danger/danger.htm>

**1. Chapter 1.3, paragraph 1.3.2.4.6**

For the existing text *substitute*

1.3.2.4.6 Animal welfare

The welfare of experimental animals is a concern. This ethical concern includes not only the alleviation of stress and suffering but also, in some countries, the use and consumption of test animals. Where possible and appropriate, tests and experiments that do not require the use of live animals are preferred to those using sentient live experimental animals. To that end, for certain hazards, non-animal observations/measurements are included as part of the classification system. Additionally, alternative animal tests using fewer animals or causing less suffering are internationally accepted and should be preferred.

**2. Chapter 2.1, figure 2.1.3**

Wherever it appears, *for* substance *read* substance/mixture.

**3. Chapter 3.3, Tables 3.3.1 and 3.3.2**

In the sentence starting with “calculated as the mean scores” *for* installation of the test material *read* instillation of the test material

**4. Chapter 4.1, section 4.1.1.1, Table 4.1.1 and decision logics in 4.1.5.1**

*For* acute (short-term) *read* short-term (acute)

5. **Chapter 4.1, section 4.1.2.5, Table 4.1.2, paragraphs 4.1.3.3.3, 4.1.3.5.2(a) and 4.1.3.5.3.4 and Table 4.1.3**  
*For acute hazard read short-term (acute) hazard*
6. **Chapter 4.1, Figure 4.1.2**  
*For acute read short-term (acute)*  
*For acute/long-term read short-term (acute)/long-term (chronic)*
7. **Chapter 4.1, section 4.1.2.1 (twice), decision logics in 4.1.5.1.1 (note 3) and 4.1.5.2.4**  
*For acute classification read short-term (acute) classification*
8. **Chapter 4.1, section 4.1.1.1, 4.1.2.1, 4.1.2.2, Figure 4.1.1, 4.1.2.5, 4.1.2.7 (twice), and Table 4.1.2 (twice including Note 5), 4.1.3.3.2, 4.1.3.3.4(b), 4.1.3.5.2(b), 4.1.3.5.5.4.5, Table 4.1.4, Decision Logics in 4.1.5.2.2, in 4.1.5.2.3 and in 4.1.5.2.4 (three times).**  
*For Long-term hazard read Long-term (chronic) hazard*
9. **Chapter 4.1, Table 4.1.1(b), Figure 4.1.2 (Title) and decision logics in 4.1.5.2**  
*For Long-term aquatic read Long-term (chronic) aquatic*
10. **Chapter 4.1, section 4.1.2.1**  
*For chronic classification read long-term (chronic) classification*
11. **Chapter 4.1, Table 4.1.2 (note 2)**  
*For chronic categories read long-term (chronic) categories*
12. **Chapter 4.1, Table 4.1.6:**
  - *For ACUTE read SHORT-TERM (ACUTE) AQUATIC HAZARD*
  - *For Category read Category Acute*
  - *For CHRONIC read LONG-TERM (CHRONIC) AQUATIC HAZARD*
  - *For Category read Category Chronic*
13. **Chapter 4.1, decision logics 4.1.1, and 4.1.3 (a) to (c)**  
Wherever it appears:  
*For Acute Category read Acute*  
*For Chronic Category read Chronic*  
*(Ref. Doc: ST/SG/AC.10/C.4/2012/24)*
14. **Annex 3, Section 1, Table A3.1.2 (fourth column), entry for H315+H320**  
*For 2 (skin)/2A(eye) read 2 (skin)/2B(eye)*
15. **Annex 3, Section 2:**  
Paragraphs A3.2.3.4, A3.2.3.6 and Table A3.2.2 (entry for P241, second column) delete the slash (/) before “equipment”, i.e:  
*For Use explosion-proof electrical/ventilating/lighting/.../equipment*

*Read* Use explosion-proof electrical/ventilating/lighting/...equipment

Table A3.2.3 (entries for P312, P301+P312 and P304+P312, second column) delete the slash (/) before “if”, i.e:

*For* Call a POISON CENTER/doctor/.../if you feel unwell

*Read* Call a POISON CENTER/doctor/...if you feel unwell

**16. Annex 3, Section 3, tables under A3.3.5:**

- Table for flammable liquids, hazard categories 1,2 and 3 (page 350 of the English version) and table for flammable solids, hazard categories 1 and 2 (page 352 of the English version), in the entry for P241 under “Prevention” delete the slash (/) before “equipment”, i.e:

*For* Use explosion-proof electrical/ventilating/lighting/.../equipment

*Read* Use explosion-proof electrical/ventilating/lighting/...equipment

- Tables for acute toxicity-oral, categories 4 and 5 (pages 371 and 372 of the English version); acute toxicity-dermal, categories 3, 4 and 5 (pages 374, 375 and 376 of the English version); acute toxicity-inhalation, categories 4 and 5 (pages 379 and 380 of the English version); and specific target organ toxicity-single exposure, category 3 (page 395 of the English version), in the entries for P312 under “Response”, delete the slash (/) before “if”, i.e:

*For* Call a POISON CENTER/doctor/.../if you feel unwell

*Read* Call a POISON CENTER/doctor/...if you feel unwell

**17. Annex 9, section A9.2.1, A9.2.3.1 and A9.2.4.4**

*For* acute hazard *read* short-term (acute) hazard

**18. Annex 9, section A9.2.1, A9.2.3.1, A9.2.3.2 A9.2.4.4 A9.2.6.3, A9.3.3.2.3 (a) and A9.7.2.2.4**

*For* long-term hazard *read* long-term (chronic) hazard

**19. Annex 9, section A9.2.3.1 and A9.2.3.2**

*For* chronic hazard *read* long-term (chronic) hazard

**20. Annex 9, A9.2.3.1, third sentence**

*For* Chronic Category *read* Chronic

**21. Annex 9, A9.2.3.6, second sentence**

*For* Chronic Category *lire* Chronic

**22. Annex 9, A9.2.4.5**

*For* Chronic Category *lire* Chronic

**23. Annex 9, A9.3.3.1.2:**

- second sentence, *for* are classified in Chronic and/or Acute Category 1 *read* are classified in Chronic 1 and/or Acute 1

- third sentence, *for* are classified in Category 2 for acute toxicity *read* are classified in category Acute 2
- third sentence, *for* in Category 3 for acute toxicity *read* are classified in category Acute 3

**24. Annex 9, A9.3.5.7.2:**

- In (a), second sentence, *for* it is likely that Chronic Category 1 and/or Acute Category 1 *read* it is likely that Chronic 1 and/or Acute 1
- In (b), second sentence, *for* whether the Chronic Category 4 should apply *read* whether Chronic 4 should apply

**25. Annex 9, A9.4.2.4.8, in footnote 2, first sentence**

*For* Chronic Category *read* Chronic

**26. Annex 9, A9.7.5.2.3**

*For* Chronic Category *read* Chronic

**27. Annex 9, A9.7.5.2.4.1 (a), (b) and (c)**

- *For* Acute Category *read* Acute
- *For* Chronic Category *read* Chronic

**28. Annex 9, A9.7.5.2.4.2**

*For* Chronic Category *read* Chronic

**29. Annex 9, A9.7.5.3.2.2 (a), (b) and (c)**

- *For* Acute Category *read* Acute
- *For* Chronic Category *read* Chronic

**30. Annex 9, A9.7.5.3.3**

*For* Chronic Category *read* Chronic

**31. Annex 9, A9.7.5.3.3.1**

*For* Chronic Category *read* Chronic

**32. Annex 9, A9.7.5.3.3.2 (a), (b) and (c)**

*For* Acute Category *read* Acute  
*For* Chronic Category *read* Chronic

**33. Annex 9, A9.7.5.3.3.3**

*For* Chronic Category *read* Chronic

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