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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 Transport of Dangerous Goods

(Twenty-second session, 2-6 December 2002
agenda item 3)

Proposed amendments to Chapter 2.9 of the UN Recommendations to bring it into line with the GHS text

Note by the Secretariat

- 2.9.3.2.4 Add the following definition before "The potential for bioaccumulation...":

"**Bioaccumulation** means net result of uptake, transformation and elimination of a substance in an organism due to all routes of exposure (i.e. air, water, sediment/soil and food)."
- 2.9.3.2.5 Delete "for organic chemicals" at the beginning of the first sentence.

In the first sentence of the second paragraph, delete "aquatic" before "environment."
- 2.9.3.2.6 Delete "aquatic" after "chronic" in the first sentence and ",202 Part 2" in the second sentence.
- 2.9.3.4 Replace "scheme" with "system" in the first sentence.
- 2.9.3.4.2 In figure 2.9.1, add the word "hazard" at the end of each sentence beginning with "Classify for..." (4 times).
- 2.9.3.4.3.1 Delete "in 2.9.3.3" in the first sentence and amend the end of the paragraph to read: "...for chronic categories since both toxicity data and environmental fate data are needed, and there are no degradability and bioaccumulation data for mixtures as a whole. It is not possible to apply the criteria for chronic classification because the data from degradability and bioaccumulation tests of mixtures cannot be interpreted; they are meaningful only for single substances."
- 2.9.3.4.5.2 In the second sentence, at the end, amend "acute toxicity category" to read "acute hazard category".

After the formula, in the explanation for "n", amend the end of the sentence to read: "...components, and i is running from 1 to n".
- 2.9.3.4.5.3 In the last sentence, delete ", if appropriate," and "in 2.9.3.3."
- 2.9.3.4.6.2.1 Add at the end the following sentence: "If the result of the calculation is a classification of the mixture as category acute I, the classification process is completed."
- 2.9.3.4.6.5.1 In the first sentence, replace "toxicity" with "hazard" after "and/or chronic aquatic" and add the following at the end of the second sentence: "with the additional statement that: "× percent of the mixture consists of component(s) of unknown hazards to the aquatic environment."
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