

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

Fifteenth session, 9-11 July 2008
Item 2 (b) of the provisional agenda

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

Health hazards

Proposal for amendment of decision logics 3.8.1 and 3.8.2: (specific target organ toxicants, single exposure)

Transmitted by the experts from Germany, Australia, and the United States of America

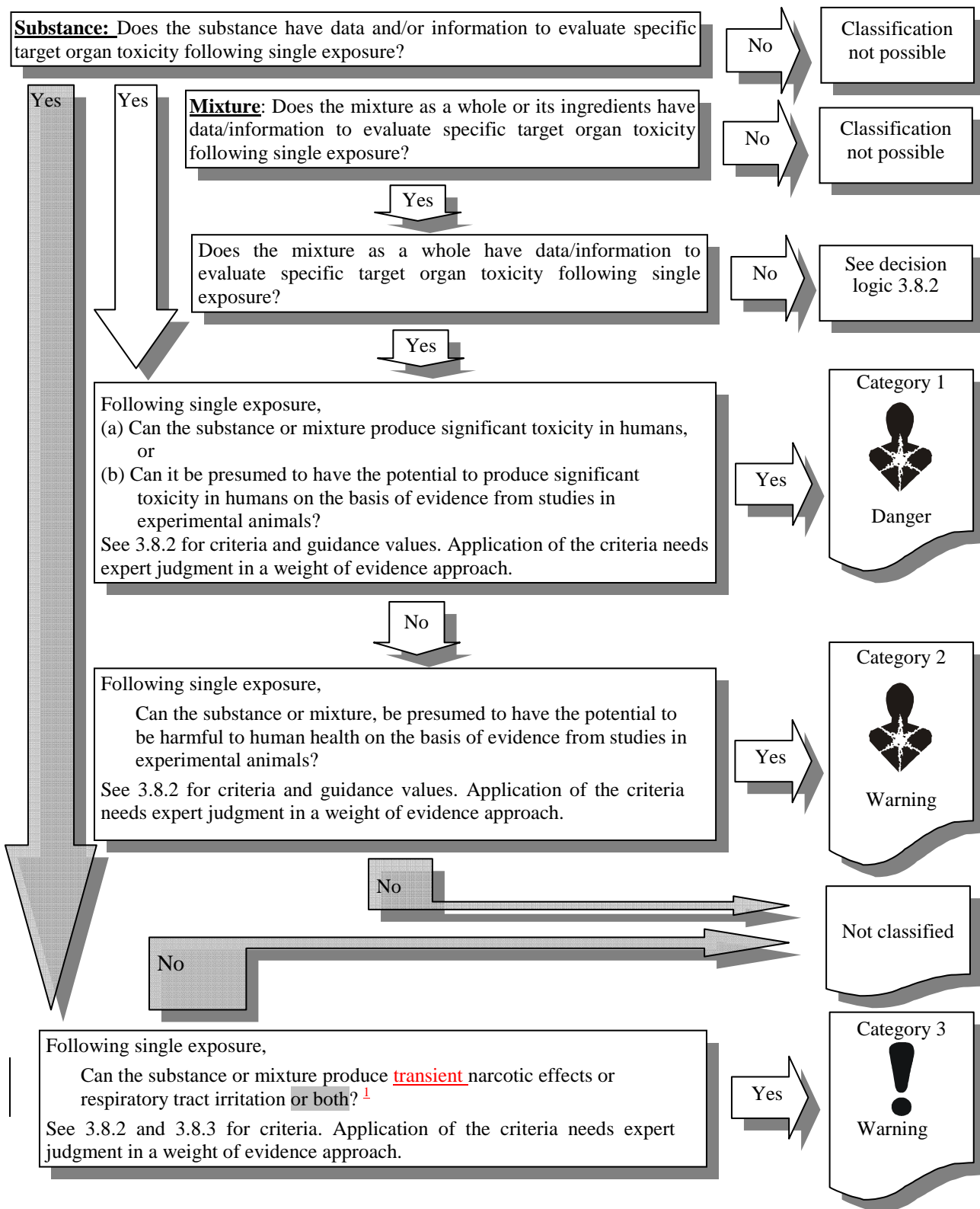
1. The Annex to this paper is a proposed revised Decision Logic for Chapter 3.8 (specific target organ toxicity, single exposure).
2. The purposes of the revisions are:
 - (a) To clarify that a chemical already classified as Category 1 or 2 for specific target organ toxicity, single exposure (e.g., for liver or kidney damage) should also be evaluated and may be classified as Category 3 for transient narcotic effects and/or respiratory damage. See document ST/SG/AC.10/C.4/2008/3 (Germany).
 - (b) To clarify that chemical substances and mixtures may be classified as Category 3 for both respiratory irritation and transient narcotic effects, if the relevant criteria are met. See document UN/SCEGHS/15/INF. 19 (Australia)
 - (c) To clarify that more severe respiratory effects and effects on the central nervous system that are not transient should result in classification as Category 1 or 2 for these effects.

The changes are to (1) add “transient” as shown on next page,(2) insert a new footnote 1 to read as follows:

¹ *Classification in Category 3 would only occur when classification into Category 1 or Category 2 (based on more severe respiratory effects or narcotic effects that are not transient) is not warranted. See 3.8.2.2.1(e) (respiratory effects) and 3.8.2.2.2(b) (narcotic effects).*

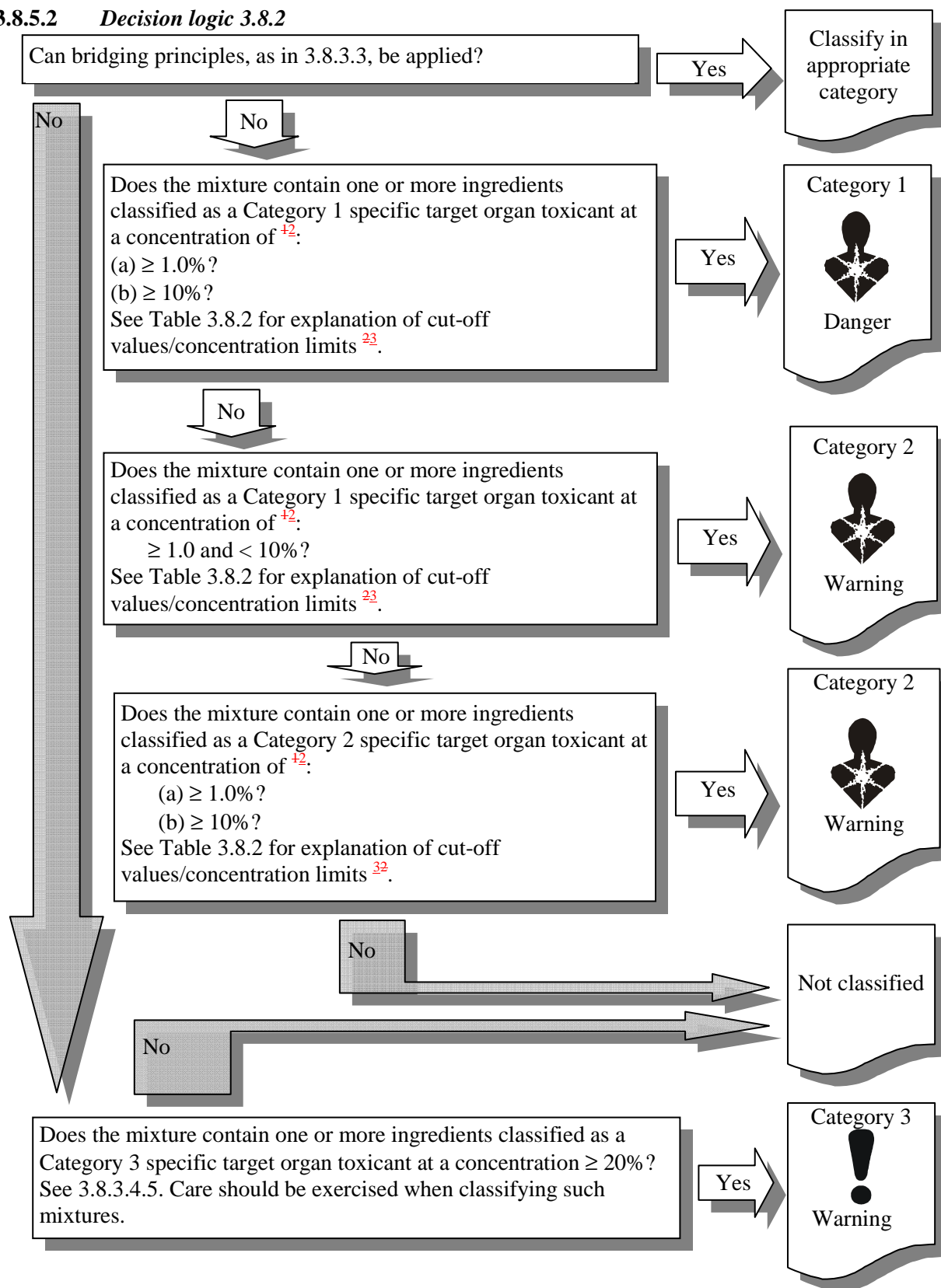
(Renumber other footnotes accordingly.)

3.8.5.1 Decision logic 3.8.1



¹ *Classification in Category 3 would only occur when classification into Category 1 or Category 2 (based on more severe respiratory effects or narcotic effects that are not transient) is not warranted. See 3.8.2.2.1(e) (respiratory effects) and 3.8.2.2.2(b) (narcotic effects).*

3.8.5.2 *Decision logic 3.8.2*



^{2.2} See 3.8.2 of this Chapter and "The use of cut-off values/concentration limits" in Chapter 1.3, para 1.3.3.2.

^{3.2} See 3.8.3.4 and Table 3.8.2 for explanation and guidance.