

UN/SCEGHS/8/INF.27

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

Eighth session, 7-9 December 2004
Item 2 (a) of the provisional agenda

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

Physical hazards

Comments on ST/SG/AC.10/C.4/2004/2 and UN/SCEGHS/8/INF.2

Transmitted by the Expert from France

At the 26th session on the SCETDG, a decision was accepted (subject to final adoption of the report) regarding a modification to the criteria for self-reactive substances having both oxidizing and self-properties. The decision takes account of proposals ST/SG/AC.10/C.4/2004/2 (by France) and of ST/SG/AC.10/C.3/2004/107 (by USA ; reproduced in UN/SCEGHS/8/INF.2) and of the debates in the SCETDG 26th session. Corresponding amendments that are proposed to be brought into the GHS are presented on next page.

Text proposed for inclusion in the GHS document

Chapter 2.8 :

“2.8.2.1 Any self-reactive substance or mixture should be considered for classification in this class unless:

- (a) They are explosives, according to the GHS criteria of Chapter 2.1;
- (b) They are oxidizing liquids or solids, according to the GHS criteria of Chapters 2.13 or 2.14, **except that mixtures of oxidizing substances which contain 5.0% or more of combustible organic substances shall be classified as self-reactive substances according to the procedure defined in NOTE 1 ;**
- (c) They are organic peroxides, according to the GHS criteria of Chapter 2.15;
- (d) Their heat of decomposition is less than 300 J/g; or
- (e) Their self-accelerating decomposition temperature (SADT) (see 2.4.2.3.4) is greater than 75 °C for a 50 kg package.

NOTE 1 : *Mixtures of oxidizing substances, meeting the criteria for classification as oxidizing substances, which contain 5.0% or more of combustible organic substances and which do not meet the criteria mentioned in (a), (c), (d) or (e) above, shall be subjected to the self-reactive substance classification procedure;*

A mixture showing the properties of a self-reactive substance type B to F shall be classified as a self-reactive substance.
