

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
(Seventh session, 14-16 July 2004)

TGM mandate

The Sub-Committee requests the OECD to establish a working group to address the following issues regarding classification and labelling of toxic gas mixtures. Experts from both TDG and GHS Sub-Committees as well as Industry experts should be invited to participate in the work. The group should initiate the work by reviewing the step 1 documents on acute toxicity and mixtures. If additional information is needed to consider the issues, this should be developed by the group. The charge is to review the criteria as follows:

- (1) Investigate the applicability of the additivity formula and identify any problems that arise with regard to gases;
- (2) Examine the effect of the physical state of the gas on the potential for adverse health effects (e.g. types of containment, compression);
- (3) Examine the use of LC₅₀ data for classification cut-offs, and the appropriate cut-off levels;
- (4) Consider whether the problems raised can be addressed by label guidance rather than a change in classification;
- (5) Determine whether the problems raised involve intrinsic properties (hazard) or potential for exposure (risk) and how this relates to possible solutions; and
- (6) Examine whether existing analytical test methods must be adapted based on any changes recommended for the criteria.

The work will not address the relationship of the classification criteria to occupational exposure limits, or the conversion factor for one hour versus four hour test data.
