

**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-first session, 1-10 July 2002,
agenda item 11 (b))**

DRAFT PROPOSAL FOR A NEW SPECIAL PROVISION NO. 63

Transmitted by the expert from Germany

1. Background

According to the opinion of the expert from Germany the new provisions for criteria and testing procedures of gases have not only to be implemented into the UN Manual of Tests and Criteria, but should also be taken into account for the classification procedure described in the UN Recommendations on the Transport of Dangerous Goods. Consequently an amendment to the Special provision no. 63 should be considered.

2. Draft proposal for Special provision No. 63

The Sub-Committee is invited to consider the following amended Special provision No. 63:

“The division of class 2 and the subsidiary risks depend on the nature of the contents of the aerosol dispenser. The following provisions shall apply.

- (a) Division 2.1 applies if the contents include 85% by mass or more flammable components and the chemical heat of combustion exceeds or is equal to 30 kJ/g.**
- (b) Division 2.2 applies if the contents contain 1% by mass or less flammable components and the heat of combustion is less than 20 kJ/g.**
- (c) Otherwise the product shall be classified as tested by the tests described in the Manual of Tests and Criteria, section 31. Extremely flammable and flammable aerosols shall be classified in Division 2.1, non-flammable in Division 2.2.**
- (d) Gases of Division 2.3 shall not be used as a propellant in an aerosol dispenser.**
- (e) Where the contents other than the propellant of aerosol dispensers to be ejected are classified as Division 6.1 packing groups II or III or Class 8 packing groups II or III, the aerosol shall have a subsidiary risk of Division 6.1 or Class 8.**
- (f) Aerosols with contents meeting the criteria for packing group I for toxicity or corrosivity shall be prohibited from transport.**
- (g) Subsidiary risk labels may be required for air transport.**

Flammable components are flammable liquids, flammable solids or flammable gases and gas mixtures. This designation does not cover pyrophoric, self-heating or water-reactive substances. The chemical heat of combustion shall be determined following the methods described in the standards ASTM D 240, ISO/FDIS 13943: 1999 (E/F) 86.1 to 86.3 and NFPA 30B.”

If the Sub-Committee agrees on the above mentioned proposal the expert from Germany is prepared to submit an official German document for the 22nd Sub-Committee meeting of Experts on the Transport of Dangerous Goods.
