



**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****Fifty-fourth session**

Geneva, 26 November–4 December 2018

Item 7 (e) of the provisional agenda

**Issues relating to the Globally Harmonized System
of Classification and Labelling of Chemicals:****Miscellaneous****Sub-Committee of Experts on the Globally Harmonized
System of Classification and Labelling of Chemicals****Thirty-sixth session**

Geneva, 5–7 December 2018

Item 3 (a) of the provisional agenda

**Classification criteria and related hazard communication
work of the Sub-Committee of Experts on the Transport of
Dangerous Goods (TDG) on matters of interest to the GHS
Sub-Committee****Aerosols – Consequential amendments from proposal in
ST/SG/AC.10/C.3/2018/80 - ST/SG/AC.10/C.4/2018/25****Submitted by the European Aerosol Federation (FEA)***

1. Chapter 2.3 of the GHS related to Aerosols only has been revised at the thirty-fifth session of the Sub-Committee of Experts on the GHS (see Annex I of related report ST/SG/AC.10/C.4/70).
2. As follow-up to the same session, the European Chemical Industry Council (CEFIC) and the European Industrial Gases Association (EIGA) submitted a revised working document ST/SG/AC.10/C.3/2018/80 - ST/SG/AC.10/C.4/2018/25 to include chemicals under pressure within Chapter 2.3 of the GHS.
3. This working document presents the consequential amendments to the GHS, related to aerosols.
4. The sub-committees are invited to consider and agree on these amendments, if the above proposal is adopted.

* In accordance with the programme of work of the Sub-Committee for 2017–2018 approved by the Committee at its eighth session (see ST/SG/AC.10/C.3/100, para. 98, and ST/SG/AC.10/44, para. 14).

Annex

Proposed consequential amendments to the GHS

Remark: Below amendments are related to the already revised Chapter 2.3 (see Annex I of report ST/SG/AC.10/C.4/70) (Additions are underlined, deletions are in strikethrough).

1. In new section 2.3.1 *Aerosols*, renumber consistently all para numbers in titles, decision logics and texts.
2. In section 2.3.2 (to be renumbered as 2.3.1.2), amend Note 3 (ex-Note 2) as follows:

“NOTE 3: *Aerosols do not fall additionally within the scope of chapters 2.2 (flammable gases), section 2.3.2 (chemicals under pressure), chapters 2.5 (gases under pressure), 2.6 (flammable liquids) and 2.7 (flammable solids). Depending on their contents, aerosols may however fall within the scope of other hazard classes, including their labelling elements.”*

3. In 2.3.4 (to be renumbered as 2.3.1.4), amend the title and the first paragraph as follows:

“2.3.1.4 Decision logic ~~and guidance~~”

The decision logic ~~and guidance~~, which follows, ~~have~~ has been provided here as additional guidance. It is strongly recommended that the person responsible for classification studies the criteria before and during use of the decision logic.”

4. Move section 2.3.4.2 *Guidance on specific heat of combustion* as a new section 2.3.3.
5. In Annex 3, Section 3, amend the *Matrix of precautionary statements by hazard class/category applicable to aerosols under A3.3.5* as follows:

**“AEROSOLS
 (Chapter 2.3, section 2.3.1)”**

6. In Annex 4, amend the entry applicable to aerosols in Table A4.3.9.2 (*Data relevant with regard to physical hazard classes (supplemental)*) as follows:

Chapter	Hazard Class	Property/Safety characteristic/ Test result and Remarks/Guidance
2.3; <u>section 2.3.1</u>	Aerosols	– indicate the total percentage (by mass) of flammable components unless the Aerosol is classified as Aerosol cat.1 because it contains more than 1% flammable components or has a heat of combustion of at least 20 kJ/g and is not submitted to the flammability classification procedures (see the Note <u>2</u> in Chapter 2.3, paragraph 2.3.1.2.2 <u>1</u>)