

**Committee of Experts on the Transport of Dangerous Goods
and on the Globally Harmonized System of Classification
and Labelling of Chemicals**

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**Sub-Committee of Experts on the Transport of
Dangerous Goods**

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Item 6 (e) of the provisional agenda

**Miscellaneous proposals for amendments to the
Model Regulations on the Transport of Dangerous
Goods: Other miscellaneous proposals**

**Reference to “MOLTEN” as part of the proper shipping
name in the transport document**

Transmitted by the expert from Spain

Introduction

1. In informal document INF.5 to this session, Spain has suggested to include a new indent (e) under 5.4.1.4.3 relating to temperature control as a reminder on when the proper shipping name has to be modified by including “STABILIZED” or “TEMPERATURE CONTROLLED” into the proper shipping name.
2. If the Sub-Committee agrees to the amendments proposed in paragraph 8 of informal document INF.5, then an additional consequential amendment should also be made to 5.4.1.4.3. This paragraph in (d) explains when to introduce the word “HOT” into the proper shipping name, but does not mention when to add “MOLTEN” as defined by 3.1.2.5.

Analysis

3. The present text of 5.4.1.4.3 is:
“5.4.1.4.3 Information which supplements the proper shipping name in the dangerous goods description
The proper shipping name in the dangerous goods description shall be supplemented as follows:
 - (a) Technical names for “n.o.s.” and other generic descriptions: Proper shipping names that are assigned special provision 274 or 318 in Column 6 of the Dangerous Goods List shall be supplemented with their technical or chemical group names as described in 3.1.2.8;
 - (b) Empty uncleaned packagings, bulk containers and tanks: Empty means of containment (including packagings, IBCs, bulk containers, portable tanks, tank-vehicles and tank-wagons) which contain the residue of dangerous goods of classes other than Class 7 shall be described as such by, for example, placing the words “EMPTY UNCLEANNED” or “RESIDUE LAST CONTAINED” before or after the dangerous goods description specified in 5.4.1.4.1 (a) to (e);
 - (c) Wastes: For waste dangerous goods (other than radioactive wastes) which are being transported for disposal, or for processing for disposal, the proper shipping name shall be preceded by the word “WASTE”, unless this is already a part of the proper shipping name;

- (d) Elevated temperature substances: If the proper shipping name of a substance which is transported or offered for transport in a liquid state at a temperature equal to or exceeding 100 °C, or in a solid state at a temperature equal to or exceeding 240 °C, does not convey the elevated temperature condition (for example, by using the term “MOLTEN” or “ELEVATED TEMPERATURE” as part of the shipping name), the word “HOT” shall immediately precede the proper shipping name.”.
4. Paragraph 3.1.2.5 explains when to include the qualifying word “MOLTEN” into the proper shipping name.
5. It may be interesting to include in 5.4.1.4.3 a reference to 3.1.2.5 to recall the fact when the proper shipping name of the substance has to be modified including the word “MOLTEN”.
6. 5.4.1 should include all important facts to complete the transport document, and unless the user is familiar with the transport of molten products, the contents of 3.1.2.5 may be unknown. This reference to 3.1.2.5 could be done by inserting a new sub-paragraph (d), explaining when to add the Word “HOT”, similarly as what has been proposed in paragraph 8 of informal document INF.5 for stabilized or temperature controlled substances.
7. The proposed amendments are shown below.

Proposals

8. Spain proposes to amend the text of 5.4.1.4.3 to read as follows (deleted text shown as ~~stricken through~~, new text added underlined):

“5.4.1.4.3 Information which supplements the proper shipping name in the dangerous goods description

The proper shipping name in the dangerous goods description shall be supplemented as follows:

- (a) Technical names for “n.o.s.” and other generic descriptions: Proper shipping names that are assigned special provision 274 or 318 in Column 6 of the Dangerous Goods List shall be supplemented with their technical or chemical group names as described in 3.1.2.8;
- (b) Empty uncleaned packagings, bulk containers and tanks: Empty means of containment (including packagings, IBCs, bulk containers, portable tanks, tank-vehicles and tank-wagons) which contain the residue of dangerous goods of classes other than Class 7 shall be described as such by, for example, placing the words “**EMPTY UNCLEANED**” or “**RESIDUE LAST CONTAINED**” before or after the dangerous goods description specified in 5.4.1.4.1 (a) to (e);
- (c) Wastes: For waste dangerous goods (other than radioactive wastes) which are being transported for disposal, or for processing for disposal, the proper shipping name shall be preceded by the word “**WASTE**”, unless this is already a part of the proper shipping name;
- (d) Molten substances: When a substance which is solid in accordance with the definition in 1.2.1, is offered for transport in the molten state, the qualifying word “MOLTEN” shall be added as part of the proper shipping name, unless it is already part of the proper shipping name (see 3.1.2.5);
- (e) ~~(d)~~ Elevated temperature substances: If the proper shipping name of a substance which is transported or offered for transport in a liquid state at a temperature equal to or exceeding 100 °C, or in a solid state at a temperature equal to or exceeding 240 °C, does not convey the elevated temperature condition (for example, by using the term “**MOLTEN**” or “**ELEVATED TEMPERATURE**” as part of the shipping name), the word “**HOT**” shall immediately precede the proper shipping name.”.

9. If the proposal in paragraph 8 in informal document INF 5 is accepted, 5.4.1.4.3 should be renumbered from (a)-(f).

10. The proposed amendments were presented at the Joint Meeting in September 2019 on the basis of informal document INF.9 to that session, and the Joint Meeting asked Spain to bring this proposal first to the Sub-Committee.
