



**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****Sixty-first session**

Geneva, 28 November-6 December 2022

Item 3 of the provisional agenda

Listing, classification and packing**Specific activity and activity concentration****Note by the secretariat*****Introduction**

1. At its June/July 2022 session, the TDG Sub-Committee considered document ST/SG/AC.10/C.3/2022/13 (Spain) proposing to add a note in the definition of “specific activity of a radionuclide” in 2.7.1.3 of the Model Regulations to clarify the term “activity concentration”, which is used throughout the text of the Model Regulations as a synonym.

2. The Sub-Committee noted that the International Atomic Energy Agency (IAEA) had recently adopted amendments to the definition of “specific activity” in 240.1 of the IAEA Specific Safety Guide No. SSG-26. As an outcome of the discussion, the TDG Sub-Committee invited the secretariat to follow up with IAEA (see para. 38 of report ST/SG/AC.10/C.3/120 as reproduced below):

“38. The proposal received some general support. The Sub-Committee noted that the International Atomic Energy Agency (IAEA) had recently considered the amendments proposed and had referred to the definition of “specific activity” in 240.1 of the IAEA Specific Safety Guide No. SSG-26. The Sub-Committee requested the secretariat to follow up with IAEA and agreed to resume consideration of this subject at its next session.”

3. Following the consultation with the IAEA secretariat, the secretariat can confirm that the amendment proposed by Spain in ST/SG/AC.10/C.3/2022/13 seemed to be appropriate to address the concerns.

* A/75/6 (Sect.20), para. 20.51

Proposal

4. It is proposed to amend in paragraph 2.7.1.3 of the Model Regulations the definition of specific activity, by adding a NOTE (new text underlined) as follows:

“Specific activity of a radionuclide means the activity per unit mass of that nuclide. The specific activity of a material shall mean the activity per unit mass of the material in which the radionuclides are essentially uniformly distributed.

NOTE: The terms “activity concentration” and “specific activity” are synonymous for the purpose of these Regulations.”
