



COMMITTEE OF EXPERTS ON THE TRANSPORT OF DANGEROUS GOODS AND ON THE GLOBALLY HARMONIZED SYSTEM OF CLASSIFICATION AND LABELLING OF CHEMICALS (TDG-GHS)



Regulating hazardous chemicals to enhance protection of human health and environment during their transport, handling and use

Work on the development and harmonization of provisions to ensure the safe transport of dangerous goods by all modes of transport started in 1953. In 1999, the Committee was reconfigured and its mandate was extended to cover worldwide harmonization of all regulatory regimes (e.g. transport; workplace safety; consumer protection; environment protection) addressing classification and labelling of hazardous chemicals. The Committee meets once every two years, while its two subcommittees meet back-to-back twice every year. Its recommendations are implemented worldwide.

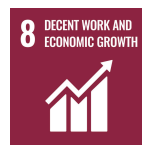
UN main policymaking body for the development of worldwide harmonized provisions for classification, labelling, safe transport, handling and use of chemicals

In 2024:

- The Committee's subsidiary bodies and UN specialized agencies and bodies, intergovernmental organizations and national governments worldwide continued working on the **implementation** of the programme of work and recommendations in ECOSOC resolution **E/RES/2023/5**.

At its December 2024 session, the Committee:

- **Endorsed** the recommendations from its two sub-committees for worldwide implementation as from 2025 and **adopted** its programme of work for 2025-2026 as well as a draft resolution E/RES/2025/... for consideration by ECOSOC at its 2025 session



Recommendations on the transport of dangerous goods



The Sub-Committee of experts on the transport of dangerous goods:

- **Introduced** a limit of 1.5 million bar litres (pV-product) for pressure receptacles to limit worst-case scenario consequences in case of accidents.
- **Added** new procedures and logic diagrams allowing energetic samples to be screened for their safe transport and tested when warranted.
- **Extended** the application of some existing provisions for articles containing lithium batteries to articles containing sodium ion batteries and **added** new provisions for hybrid batteries, containing both lithium ion cells and sodium ion cells.
- **Adopted** new requirements for the design, construction, inspection and testing of fibre reinforced plastics service equipment for portables tanks

Recommendations on classification and labelling of chemicals

The Sub-Committee of experts on the Globally Harmonized System:

- **Adopted new** provisions addressing classification of skin sensitizing chemicals using non-animal test methods, classification and labelling of chemicals with a global warming potential and simple asphyxiants.
- **Improved** hazard communication in labels and safety data sheets for chemicals with hazards of relatively high seriousness and urgency for obtaining medical help or specific treatment.
- **Initiated or continued** work to evaluate and review the state of science for several hazardous properties (e.g. endocrine disruptors; persistence and mobility)



Did you know that...

Chemicals are present in most of the articles and products we use. Many of these chemicals fall under the scope of the recommendations made by the Committee to ensure their safe transport, handling and/or use. These are for instance: fuels (for propelling or heating purposes); cleaning products (detergents, bleaching agents, disinfectants); paints and solvents; lithium cells and batteries (laptops, phones, bikes, vehicles); gases (for medical or industrial use, heating, propellants); aerosols; pesticides, etc.