

The case of dangerous goods transportation (DGT).

The transport of dangerous goods, abbreviated in DGT, is a relatively rare occurrence, but it also has a real impact on the health and safety of people and goods, but also on the environment on a more global scale. These materials are hazardous because of their physical, chemical or reaction properties. DGT regulations are based on ICAO technical instructions. It is important to note that each hazardous material may contain one or more types of hazard.

CLASSIFICATION OF DANGEROUS GOODS

Class 1: Explosives



Subclass 1.1:
Explosives with a mass explosion hazard



Subclass 1.2:
Explosives with a severe projection hazard



Subclass 1.3:
Explosives with a fire



Subclass 1.4:
Minor fire or projection hazard



Subclass 1.5:
An insensitive substance with a mass explosion hazard



Subclass 1.6:
Extremely insensitive articles

Class 4: Flammable solids or substances



Subclass 4.1:
Flammable solids



Subclass 4.2:
Spontaneously combustible solids



Subclass 4.3:
Dangerous when wet

Class 5: Oxidizing substances and organic peroxides



Subclass 5.1:
Oxidizing agent



Subclass 5.2:
Organic peroxide oxidizing agent

Class 2: Gases



Subclass 2.1:
Flammable Gas



Subclass 2.2:
Non-Flammable Gas



Subclass 2.3:
Poisonous Gases

Class 6: Toxic and infectious substances



Subclass 6.1:
Poison



Subclass 6.6:
Biohazard

Class 7: Radioactive



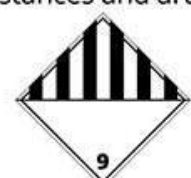
Class 3: Flammable Liquids



Class 8: Corrosive substances



Class 9: Miscellaneous dangerous substances and articles



CLASSIFICATION OF HAZARDOUS SUBSTANCES

The hazardous substances are classified into eight classes. These are as under :

- CLASS 1 EXPLOSIVES
- CLASS 2 GASES, COMPRESSED, LIQUEFIED, DISSOLVED OR DEEPLY REFRIGERATED, INFLAMMABLE GASES, POISON (TOXIC) GASES.
- CLASS 3 INFLAMMABLE LIQUIDS
- CLASS 4 INFLAMMABLE SOLIDS, SUBSTANCES LIABLE TO SPONTANEOUS CONBUSTION; SUBSTANCES WHICH ON CONTACT WITH WATER EMIT INFLAMMABLE GASES.
 - Division 4.1 Inflammable solids
 - Division 4.2 Substances liable to spontaneous combustion.
 - Division 4.3 Substances, which in contact with water, emit inflammable gases.
- CLASS 5 OXIDISING SUBSTANCES
 - Division 5.1 oxidizing substances
 - Division 5.2 Organic peroxides
- CLASS 6 POISONOUS (TOXIC) AND INFECTIOUS SUBSTANCES
 - Division 6.1 Poisonous (toxic) substances
 - Division 6.2 Infectious substances
- CLASS 7 RADIOACTIVE SUBSTANCES
- CLASS 8 CORROSIVES
- CLASS 9 MISCELLANEOUS HAZARDOUS MATERIALS