



**Dangerous Goods Class 1 – Explosives**

Explosive substances and articles containing explosives (with subclasses).



**Hazard Class 2.1 – Gases (Flammable)**

Gases that are highly flammable and transported under pressure.



**Hazard Class 2.2 – Gases (Non-Flammable)**

Gases that are non-flammable but are compressed or liquefied under pressure.



**Hazard Class 2.3 – Gases (Toxic)**

Toxic gases that pose a danger to humans and the environment.



**Hazard Class 3 – Flammable Liquids**

Liquid substances that are easily flammable and can become dangerous.



**Hazard Class 4.1 – Flammable Solids**

Solid substances that are easily flammable or can catch fire through friction.



**Hazard Class 4.2 – Spontaneously Combustible**

Substances that can ignite spontaneously when exposed to air.



**Hazard Class 4.3 – Substances that release Flammable Gases when in contact with water**

Substances that react with water and release dangerous gases.



**Hazard Class 5.1 – Oxidizing Substances**

Substances that release oxygen and can promote fires.



**Hazard Class 5.2 – Organic Peroxides**

Unstable substances that can react explosively if mishandled.



**Hazard Class 6.1 – Toxic Substances**

Substances that are harmful to health through inhalation, ingestion, or skin contact.



**Hazard Class 6.2 – Infectious Substances**

Substances that contain pathogens and can cause infections.



**Hazard Class 7 – Radioactive Materials**

Substances that emit ionizing radiation and can be harmful to health.



**Hazard Class 8 – Corrosive Substances**

Substances that destroy living tissue or materials through chemical reactions.



**Hazard Class 9 – Miscellaneous Dangerous Substances**

Substances that do not fall into other classes but still pose a danger.



**Hazard Class 9A – Batteries (Hazard Label)**

Substances or items that contain batteries and are classified as dangerous.



**Dangerous Goods Label – Environmental Hazardous Substances**

Additional labeling for substances that are harmful to the environment.



**Dangerous Goods Label – Limited Quantity**

Substances or items that can be transported in limited quantities without needing to comply with the full regulations for dangerous goods.



**Dangerous Goods Label – Limited Quantity „Y“**

Limited quantities of dangerous substances that are marked with the symbol „Y“ according to IATA regulations to facilitate transportation.



**Labeling for materials transported in a heated state**

Additional marking for materials that need to be kept warm during transportation.

## Dangerous goods classes - Overview & solutions from BOXLAB Services

Dangerous goods must be labeled worldwide according to fixed regulations be it in road, rail, sea or air transport according to ADR, RID, IMDG, IATA and ADN. Correct and standard-compliant labeling is crucial for safety and compliance.

BOXLAB Services offers hazard labels for all dangerous goods classes, individualized orange warning signs and placards with imprinted UN numbers. Our labels are not only ADR-compliant, but also seawater-resistant in accordance with BS 5609 Section 3, which means we can also guarantee certified printing.



Europe-wide delivery within 24 hours - from a quantity of 1!  
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