

Awareness-raising campaign for undeclared and incorrectly declared dangerous goods

Supplement to the information sheet

What are dangerous goods?

Dangerous goods are objects or substances which may pose a risk to humans, animals and the environment due to their intrinsic and dangerous characteristics. All regulations on dangerous goods (ADN/ADR/RID/ICAO T.I. / IMDG Code) apply strict rules to the transport of dangerous goods.

Unfortunately, incorrectly declared or undeclared dangerous goods are increasingly being detected during transport. Some hazardous substances and objects are intentionally submitted for transport without the correct labelling or accompanying documents.

These consignments are referred to as “undeclared/misdeclared dangerous goods,” which pose a high risk for all parties involved. They are often found only by chance, thanks to attentive staff or technical aids (e.g. screening at the airport).

For the transport of dangerous goods, an accompanying document or transport document is required in accordance with transport legislation. When transporting dangerous waste, a consignment note is required in accordance with waste legislation.

In commercial settings, a safety data sheet (SDS) is required for every chemical product. However, these are not transport documents as defined by dangerous goods regulations.

For hazardous substances and mixtures, chemical legislation stipulates that it is mandatory to send a safety data sheet to the recipient. The manufacturer of a product is responsible for preparing the safety data sheet.

In addition to information on safe handling during use and in the warehouse, the safety data sheet also contains the information (normally in section 14) needed to prepare safe and correct (onward) transport.

The table below provides an overview of the various international regulations and the legal basis in Switzerland:

| Modes of transport | International rules and regulations | National rules |
|---------------------|--------------------------------------|---|
| By road | <u>ADR</u> | SDR (<u>SR 741.621</u>) |
| By rail | <u>RID</u> | RSD (<u>SR 742.412</u>) |
| By inland waterway | <u>ADN</u> | ADN (<u>SR 0.747.208</u>) |
| By sea | <u>IMDG Code</u> (German version) | Maritime Shipping Ordinance (<u>SR 747.301</u>) |
| By air | ICAO-TI | LFG and LTrV (<u>SR 748.411</u>) |
| General information | | Various other Swiss laws indirectly affect the transport of dangerous goods, such as the Major Accidents Ordinance and the Ordinance on Air Pollution Control |

Dangerous Goods SDS Example

| 14. Transport information | |
|-------------------------------|---|
| DOT | |
| UN Number: | UN 1790 |
| UN Proper Shipping Name: | Hydrofluoric acid |
| Transport Hazard Class(es): | |
| Class: | 8 |
| Label(s): | 8, 5.1 |
| Packing Group: | II |
| Marine Pollutant: | No |
| Special precautions for user: | Not determined. |
| IMDG | |
| UN Number: | UN 1790 |
| UN Proper Shipping Name: | HYDROFLUORIC ACID (WITH NOT MORE THAN 60% ACID) |
| Transport Hazard Class(es): | |
| Class: | 8 |
| Label(s): | 8, 5.1 |
| EmS No.: | F-A, S-B |
| Packing Group: | II |
| Marine Pollutant: | No |
| Special precautions for user: | Not determined. |
| IATA | |
| UN Number: | UN 1790 |
| Proper Shipping Name: | Hydrofluoric acid |
| Transport Hazard Class(es): | |
| Class: | 8 |
| Label(s): | 8, 5.1 |
| Packing Group: | II |
| Marine Pollutant: | No |
| Special precautions for user: | Not determined. |

Non-Dangerous Goods SDS Example

| SECTION 14. TRANSPORT INFORMATION |
|---|
| International Regulations |
| IATA-DGR Not regulated as a dangerous good |
| IMDG-Code Not regulated as a dangerous good |
| Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code Not applicable for product as supplied. |
| National Regulations |
| TDG Not regulated as a dangerous good |

Note: Before shipping lithium batteries, check the 38.3 Test (UN Model Regulations or “Manual of Test and Criteria”).

During transport, products and “everyday objects” are often classified as dangerous goods and are therefore hazardous while appearing harmless at first glance. For example:

- Lithium batteries in and with many devices.
- Products that contain solvents or a lot of alcohol.
- Magnets (in air freight).
- Camping equipment (which may contain flammable solids or flammable gases).



- Anything that is under pressure – such as aerosols, gas cylinders.
- Batteries – acid batteries or batteries with lithium.
- Paints, varnishes, solvents.
- Cleaning agents.
- All used parts or objects containing residues of dangerous goods.

As a rule, the label on the corresponding product visually indicates a hazard.



The two GHS labels GHS07 + GHS08 indicate health risks, but do not normally pose a hazard during transport.

Points of contact

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Further links:

General information on dangerous goods

- [Dangerous goods – mysterious substances?](#)
(in German and French only - scienceindustries)
- [Shipping and transport of hazardous goods](#) (only in German - Canton Aargau)
- ICAO Dangerous Goods website: [Dangerous goods \(icao.int\)](#)
- IATA dangerous goods: [IATA – Dangerous Goods \(HAZMAT\)](#)

Dangerous goods regulations available on the internet:

- [ADR – Road transport](#) (in German and French only)
<https://www.astra.admin.ch/astra/de/home/fachleute/fahrzeuge/gefaehrliche-gueter/recht-international.html>
- [RID – Rail transport](#)
http://otif.org/en/?page_id=1105
- [ADN – Transport by inland waterways](#)
<https://www.ccr-zkr.org/13020300-en.html>
- IMDG code (maritime) – only the German translation is available on the internet
https://www.bmvi.de/SharedDocs/DE/Anlage/G/Gefahrengut/imdg-code-de-2020.pdf?__blob=publicationFile

Dangerous goods training providers:

- AviaSecure Ltd, Zurich Airport www.aviasecure.ch
- ACDG – Air Cargo & Dangerous Goods Training and Consulting GmbH www.acdg.ch
- GeFaSuisse, Basel www.gefasuisse.ch
- GEFAG - Gefahrgutausbildung und Beratung AG www.gefahrgutberatung.ch
- Mitter Safety Consulting GmbH, Basel www.mitter-safety.com
- Safety Training Plus www.safetytrainingplus.com

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