

Dangerous goods identification guide



As a shipper, you are required to comply with the Amazon Shipping prohibited items policy and not ship any products that are classified as dangerous goods unless specified otherwise. This guide is intended to help you understand the importance of this policy, as well as how you can identify dangerous goods.

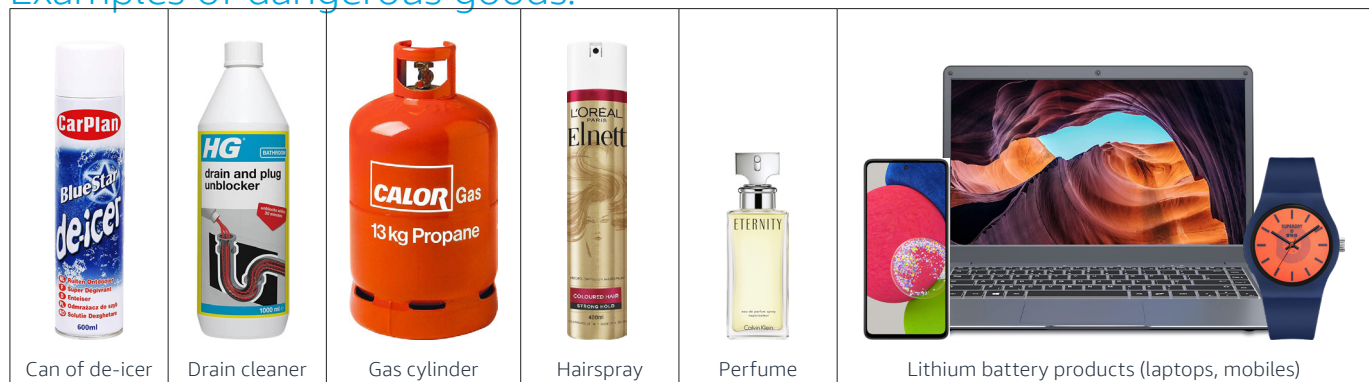
What is a dangerous good?

Dangerous goods are substances or materials that pose a risk to people, property or the environment, due to their chemical or physical properties. They may contain flammable, pressurised, corrosive or otherwise harmful substances. This also includes lithium battery products, such as laptops and mobile phones.

These products may cause damage in the event of a spill, release or thermal runaway, and are usually classified with reference to their immediate risk. For this reason, dangerous good shipments have additional transportation requirements compared to non-dangerous good shipments, and may require marking and labelling of packages and special handling.

You are required to identify products which may be classified as dangerous goods, and these **cannot be shipped with Amazon Shipping**. UN IDs permissible within Classes 2, 3, and 9, and Divisions 2.1 and 2.2 on page 4 are available to ship with Amazon shipping pending approval. Find out more [here](#).

Examples of dangerous goods:



You can find **examples of products that may be regulated as dangerous goods** at the end of this guide.

Why do we care about dangerous goods?

We take health and safety seriously, and need to protect our network, its staff and recipient customers from potential incidents and health risks. The consequences of shipping non-compliant products can be very serious – such as fires, physical injuries, etc, as well as significant fines and penalties – which is why we must ensure that all legal and safety requirements for transportation are satisfied. This includes specific transportation requirements on handling, labelling and packaging in accordance to the [Agreement Concerning the International Carriage of Dangerous Goods by Road \(ADR\)](#), and the dangerous goods regulations and standards listed below.

The requirements are dictated by the regulations relevant to their jurisdiction and mode of transportation.

At this time, Amazon Shipping cannot process dangerous goods through its network. We are continuously looking to expand our services and working on ways to provide shipping for dangerous goods in the future.

Shippers found to be sending non-compliant packages may have their account paused, suspended or terminated.

How do I identify a dangerous good?

There are a few ways you can identify a dangerous good:

- UN ID (United Nations Number) - a four-digit number that identifies hazardous material and dangerous goods
- Hazard Class/pictogram - one of nine classes that identifies specific characteristics
- Transport label - see hazard class table for identification
- Safety Data Sheet (SDS)
- Storage regulations

Any warning label or phrase on a product package means that it may be regulated as a dangerous good. Some dangerous goods products don't require warning labels or phrases (for example, cosmetics and speakers with magnetised material). But the absence of labels or warnings does not mean they aren't dangerous goods. If you are unsure, contact the manufacturer or supplier for a safety data sheet (SDS). For guidance on dangerous goods products that are subject to transport regulation, please refer to section 14 – Transport information of your product safety data sheet.

Dangerous goods are liable for transportation requirements, but may also be classified as hazardous materials (Hazmat). Hazmat products also require specific storage requirements. Hazmat products are generally identified based on the pictograms and hazard statements they bear, and may or may not be transport regulated. Examples include detergent, which can be a skin irritant.

What can be shipped:

If your product is classified as Hazmat, but is not also a dangerous good, then you can ship it with us. Look out for these symbols below on products such as cleaners and detergents.



Except products indicating:

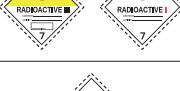
- Carcinogen
- Germ Cell Mutagenicity
- Reproductive Toxicity
- Target Organ Toxicity with single or repeated exposure

What cannot be shipped through Amazon Shipping:

Dangerous goods are divided into nine classes (with several subdivisions) on the basis of the specific characteristics producing the risk.

Look carefully at the packaging of your products: Any hazard pictogram (such as the ones shown on the next page) or warning phrase (e.g. extremely flammable) is a good indication that your product might be a dangerous good.

Dangerous goods class table

Class	Division	Name	Hazard class label	Hazard pictogram	Examples
1	-	Explosive substances			Fireworks, party poppers
2	2.1	Flammable gases			Hairspray, deodorant aerosol, dry shampoo, foaming shower gel, paint aerosol*
	2.2	Non-flammable, non-toxic gases			Shaving gel aerosols, whipped cream aerosol, CO2 cartridges, fire extinguishers*
	2.3	Toxic gas			Pesticides in spray form, calibration gas
3	-	Flammable liquids			Perfumes, stronger cleaning products, wood vanishes and enamels with a volume greater than 150ml per item*
4	4.1	Flammable solids			Permanent markers, mothballs, fire starters, alcohol wipes
	4.2	Substances liable to spontaneous combustion			Lighting charcoal, permanent powder hair
	4.3	Substances dangerous when wet			MRE heater, aluminum powder, purification tablets
5	5.1	Oxidisers			Hair dyes, swimming pool/toilet treatment
	5.2	Organic peroxides			Acne medication, hardeners, wood filler
6	6.1	Toxic substances			Pesticides, nicotine-based products
	6.2	Infectious substances			Viruses, antibody reagents
7	-	Radioactive material			Smoke alarms** night sight gear**, tritium-based products. ** = allowed in USA based on local regulations
8	-	Corrosive substances			Bathroom cleaners, lead acid batteries, clog remover
9	-	Miscellaneous dangerous substances		  UN3480  UN3481  UN3090  UN3091	Lithium batteries, e.g. laptops, tablets, power banks, cameras, mobile phones, battery chargers. Magnetised material, e.g. speakers, headphones, light meters, magnetic decals, small tools, toys*

*To find out more about becoming a dangerous goods shipper for divisions 2.1, 2.2, class 3, and class 9, please refer to the [Dangerous Goods Shipping Guide](#).

Lithium batteries

Many common electrical products contain lithium batteries. Look out for the following warning labels:



Examples of dangerous goods per category:

Important note: The following list does not contain every potential dangerous good in each category. The products listed here represent the types of dangerous goods that you might encounter among your listings, and can therefore serve as good examples to help increase your ability to identify these items.

Category	Examples
Apparel	Hats, vests and shoes containing batteries Hat stiffener Apparel stain remover
Automotive	Engine and tyre care Interior and paint care Oils and fluids Lead-acid batteries Spillable and non-spillable batteries Airbags
Baby	Baby grooming and skincare Antibacterial products
Beauty and personal care	Spray deodorants Hairspray Hair colours Hair dyes Perfume Essential oils Self-tanning lotions and sprays Antiseptics and disinfectants Verruca and wart treatments Insect repellents Aftershave treatments Cleaning cartridges (electric shavers) Hair-removal solutions and treatments Shaving creams or foams Nail polish
Books	Songbooks Magazines with beauty product samples E-book devices, e-readers
Consumer electronics	Power banks Mobile phones and wireless products Chargers and batteries Darkroom supplies Speakers
Food and beverages	Aromatic essential oils Products with high alcohol content Foods in pressurised container/aerosol format (for example, whipped cream, soda streams) Spirits

Health and household	Cleansers and cleaners Dishwashing liquids and powders Laundry liquids and powders
Home improvement	Grills Pest and insect control
Office	Cartridges and toners Equipment cleansers Tape, adhesives, and glue Markers, highlighters, pens and refills
Pet products	Ear and eye care Flea, fly, mosquito, lice, and tick control Itch remedies Deodorisers Aquarium glass cleaners Aquarium water treatments and test kits
Shoes and bags	Light-up shoes Sole and shoe stain remover Shoe polish
Sports and outdoor	Airsoft supplies Camping stoves Hand warmers E-bikes and e-scooters Bike tools and equipment Spillable and non-spillable batteries Lifesaving vests
Toys	Battery-operated toys Arts and crafts Building kits Chemistry sets Painting and repair kits Kits with sprays Crackers
Video games	Controllers Wireless and Bluetooth headsets Gamepads

Dangerous goods regulations and standards

Depending upon your location, European Union regulations and other country-specific and local laws or regulations may apply.

Dangerous goods in the UK and the EU are subject to the following regulations and standards:

- [International Civil Aviation Organization \(ICAO\)](#) to view “Technical Instructions for the Safe Transport of Dangerous Goods by Air (Doc 9284)”
- [International Air Transport Association’s Dangerous Goods Regulations \(IATA DGR\)](#)
- [International Maritime Dangerous Goods \(IMDG Code\)](#)
- [International Carriage of Dangerous Goods by Inland Waterways, \(ADN\)](#)
- [International Carriage of Dangerous Goods by Road \(ADR\)](#)
- [International Carriage of Dangerous Goods by Rail \(RID\)](#)

Links and resources

Display these handy quick-reference tables in your warehouse to help you identify dangerous goods:

[Download poster here](#)

Find out more about becoming a dangerous goods shipper for class 2 (Division 2.1 and 2.2), class 3 and class 9 [here](#).