



NORTHERN AIR CARGO®

Identifying Dangerous Goods

Tips in Identifying Dangerous Goods



DISCLAIMER:

This information is only a guideline for properly trained hazardous materials (dangerous goods) shippers as required by PHMSA in 49CFR §172.700 – §172.704. It is provided as a courtesy only and is for informational/reference purposes only and is subject to continually changing regulatory requirements. Therefore the information shown may not reflect current governmental requirements and these materials are not to be considered, or used, for training or regulatory compliance in any form whatsoever. It is the responsibility of the user of this material to comply with all federal regulations. Please refer to the appropriate governmental publications for conformance with the hazardous materials regulations. Northern Air Cargo shall not be held responsible for any omissions, errors, or loss arising from the use of this material regardless of its application or use.

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Identifying Dangerous Goods in Your Shipment

The terms “hazardous materials” and “dangerous goods” are synonymous.

Hazardous material is a term that is used domestically under 49CFR and dangerous goods is an international term under ICAO/IATA (throughout these materials, we will use the term dangerous goods or DG).

So, what is exactly is a hazardous material or dangerous good? 49CFR 171.8 defines hazardous material as:

*“**Hazardous material** means a substance or material that the Secretary of Transportation has determined is capable of posing an unreasonable risk to health, safety, and property when transported in commerce, and has designated as hazardous under section 5103 of Federal hazardous materials transportation law (49 U.S.C. 5103). The term includes hazardous substances, hazardous wastes, marine pollutants, elevated temperature materials, materials designated as hazardous in the Hazardous Materials Table (see 49 CFR 172.101), and materials that meet the defining criteria for hazard classes and divisions in part 173 of this subchapter.”*

If you are offering dangerous goods for transport, you need to obtain training or you can use a third party company to prepare your shipment. It is the shipper’s (you) responsibility to comply with all federal, state and international regulations. Refer to the appropriate regulatory publication for identifying and classifying your shipment.

Never offer an unidentified, undeclared, or unclassified material for shipment. The DOT/FAA can and does impose severe penalties for such actions, including civil penalties and criminal prosecution of shippers.

When in doubt, do not ship!



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★ Does your shipment contain dangerous goods?

Northern Air Cargo is not able to assist you in identifying or classifying your materials as this is specifically the shipper's responsibility.

Refer to the appropriate regulatory publication for identifying and classifying your shipment.

The manufacturer of the product will have the ability to classify a material and usually is the best source for this required information. Obtaining a copy of the Safety Data Sheet (SDS) may provide you with the necessary information.

Never offer an unidentified, undeclared, or unclassified material for shipment. The DOT/FAA can and does impose severe penalties for such actions, including civil penalties and criminal prosecution of shippers. When in doubt, do not ship!

If you are unsure how to proceed, there are third party companies that can prepare your shipment for transport.

★ Contact us

If you have questions, contact a NAC Hazardous Materials Specialist at:

1-800-727-2141

WHAT'S IN YOUR FREIGHT?



You must declare your hazardous materials to the airline. Many common items used everyday in the home or workplace may seem harmless, however, when transported by air, they can be very dangerous. In flight, variations in temperature and pressure can cause items to leak, generate toxic fumes or start a fire.

Cargo containing hazardous materials (dangerous goods) for transportation by aircraft must be offered in accordance with the Federal Hazardous Materials Regulations (49 CFR Parts 171-180).

A violation can result in **5-years'** imprisonment and penalties of **\$250,000** or more (49 U.S.C. 5124).

- **Explosives**
(Fireworks, ammunition, gunpowder, etc.)
- **Compressed Gases**
(Spray starch, medical oxygen, propane cylinders, etc.)
- **Flammable Liquids or Solids**
(Paints, gasoline, alcohols, Sterno, etc.)
- **Oxidizers**
(Bleach, swimming pool chemicals, fertilizers)
- **Organic Peroxides**
(Peroxides, fiberglass repair kits, etc.)
- **Poisons**
(Pesticides, rat poisons, cyanide, etc.)
- **Infectious Substances**
(Viruses, vaccines, cultures, etc.)
- **Radioactive Material**
(Radioactive medicines, radioactive machine parts, etc.)
- **Corrosives**
(Mercury, acids, aircraft batteries, etc.)
- **Other Regulated Materials**
(Used motorcycles, dry ice, magnetized materials, etc.)

DG-160 (REV 05/07)

49 CFR 175.26

★ Items may include:

Aerosols	Electrical equipment	Perfumes / colognes
Batteries – wet	Extracts	Radioactive materials
Batteries – lithium	Fireworks	Repair kits
Batteries – non-spillable	Frozen items – dry ice	Samples for testing
Camping equipment	Household goods	Solvents / thinners
Car & truck parts	Laboratory equipment	Tear gas / bear spray
Chemicals	Matches / lighters	Tool boxes
Cleaning supplies	Medical supplies	Toys
Cylinders with gases	Paint	

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