

DG Labels & Marks

Free download and print library | Revision 2026-09-30

These files are free reference artwork, not a complete shipment marking set, a dangerous-goods certificate or an approval for carriage. A qualified shipper must verify the current supplier SDS, composition, physical state, transport mode, destination and package before selecting or applying any mark.

Choose the correct state. Compressed helium UN 1046 is not refrigerated liquid helium UN 1963. The library covers named pure products, not arbitrary mixtures. Pure compressed He-3/He-4 and Ne-20/Ne-22 use their elemental entries; mixtures need a separate classification.

Choose the right file. The PDF and SVG without the -print suffix contain only the artwork at its native physical size. PDF is recommended for printing; SVG is supplied for a print shop. The -print.pdf file places the artwork on A4 or A3 with crop marks and a 50 mm scale bar outside the artwork.

Print at 100% / Actual size. Disable Fit, Shrink, Scale to fit and borderless enlargement. Hazard diamonds have 100 mm sides and a 141.42 x 141.42 mm bounding box, NOT a 100 mm bounding box. Use A4 for diamonds and the 100 x 120 mm cold warning. Use A3 landscape for the 300 x 140 mm identification panel; it cannot fit on A4 landscape at full size.

Before printing a batch. Measure the 50 mm test line, the artwork dimensions and the diamond side. Inspect symbol clarity, line widths and color. Ordinary office paper, printer colors and indoor adhesive are not automatically suitable for DG transport. The chosen material, adhesive, weather resistance and contrast need their own checks.

Identification panels. The UN number and shipping name panel is separate from the hazard labels. Net quantity is deliberately blank; enter the verified shipment value only when appropriate. No orientation arrows are built into these panels: determine whether and where separate orientation marks are required for the actual package.

Cold warning. The 100 x 120 mm CRYOGENIC LIQUID / EXTREMELY COLD design is a supplementary workplace/handling warning. It is NOT the prescribed air-transport cryogenic-liquid handling label. Additional marks, labels and placements may be mandatory.

Other requirements. The generic signs are package labels, not 250 mm tank/container placards. Inhalation-hazard wording, environmental marks, cargo-aircraft-only labels, orientation arrows, overpack marks, language, and shipper/consignee information may also be required. Do not infer a complete kit from the labels listed on a product card.

Exceptions. NH₃ uses an international/ADR basis here; US domestic classification differs. Si₂H₆ uses UN 3553; older SDSs may show UN 3161. C₅F₈ is deliberately withheld because supplier and jurisdiction classifications have not been reconciled. Resolve these points against the actual shipment documents.

No resale offer. SG TRADING L.L.C-FZ provides these downloads without charge. This library is not a catalogue of manufactured stickers and does not sell printing services.

Selection register

Listed hazard labels are a reference cross-check, not a complete list of shipment marks. Sources and product restrictions are published at <https://www.sgtrading.biz/dg-labels>.

Helium, compressed

UN 1046 | Labels 2.2 | HELIUM, COMPRESSED

Pure He-3 and He-4 use this elemental entry only when shipped as compressed gas; not helium-neon mixtures.

Helium, refrigerated liquid

UN 1963 | Labels 2.2 | HELIUM, REFRIGERATED LIQUID

Cryogenic warning is supplementary. Confirm any mode-specific handling labels and orientation marks.

Neon, compressed

UN 1065 | Labels 2.2 | NEON, COMPRESSED

Also applies to pure compressed Ne-20 and Ne-22, not blends.

Krypton, compressed

UN 1056 | Labels 2.2 | KRYPTON, COMPRESSED

Pure gas only.

Xenon, compressed

UN 2036 | Labels 2.2 | XENON, COMPRESSED

Pure gas only.

Argon, compressed

UN 1006 | Labels 2.2 | ARGON, COMPRESSED

Not the refrigerated liquid entry.

Argon, refrigerated liquid

UN 1951 | Labels 2.2 | ARGON, REFRIGERATED LIQUID

Not compressed argon. Verify cryogenic handling and orientation marks for the route.

Nitrous oxide

UN 1070 | Labels 2.2, 5.1 | NITROUS OXIDE

For pressure-liquefied product. Refrigerated liquid uses a different entry (UN 2201), not supplied in this set.

Silane

UN 2203 | Labels 2.1 | SILANE

Pure product only. Mixtures require their own classification.

Germane

UN 2192 | Labels 2.3, 2.1 | GERMANE

Primary toxic gas and subsidiary flammable gas. Check additional inhalation-hazard markings for the route.

Trimethylsilane

UN 3161 | Labels 2.1 | LIQUEFIED GAS, FLAMMABLE, N.O.S. (trimethylsilane)

Pure trimethylsilane; technical name is included on the identification panel.

Hexafluorobutadiene

UN 3160 | Labels 2.3, 2.1 | LIQUEFIED GAS, TOXIC, FLAMMABLE, N.O.S. (hexafluorobutadiene)

Pure product, not a nitrogen dilution. Technical name is included. Verify inhalation-hazard requirements.

Sulfur hexafluoride

UN 1080 | Labels 2.2 | SULFUR HEXAFLUORIDE

Cylinder or tube packaging does not itself determine the applicable marking set.

Octafluorocyclopentene

HOLD: supplier SDS and route review required.

Supplier and jurisdiction sources differ. No filled printable transport label is released until the actual supplier SDS, physical state and route are reconciled.

Nitrogen trifluoride

UN 2451 | Labels 2.2, 5.1 | NITROGEN TRIFLUORIDE

Non-flammable gas with subsidiary oxidizer hazard.

Tungsten hexafluoride

UN 2196 | Labels 2.3, 8 | TUNGSTEN HEXAFLUORIDE

Toxic gas with subsidiary corrosive hazard. Check additional inhalation-hazard markings.

Disilane

UN 3553 | Labels 2.1 | DISILANE

Uses the newer UN 3553 named entry. Some older SDSs use UN 3161; resolve any discrepancy against the current rules and shipping documents before printing.

Ammonia, anhydrous

UN 1005 | Labels 2.3, 8 | AMMONIA, ANHYDROUS

International/ADR basis: 2.3 + 8. US domestic rules differ (2.2 with additional requirements). This is not a US-domestic label kit. Check environmental and mode-specific requirements.

Hydrogen chloride, anhydrous

UN 1050 | Labels 2.3, 8 | HYDROGEN CHLORIDE, ANHYDROUS

Not aqueous hydrochloric acid. Verify any additional inhalation-hazard markings.

Carbon dioxide

UN 1013 | Labels 2.2 | CARBON DIOXIDE

Not dry ice (UN 1845) and not refrigerated liquid (UN 2187).

Carbon monoxide, compressed

UN 1016 | Labels 2.3, 2.1 | CARBON MONOXIDE, COMPRESSED

Toxic gas with subsidiary flammable gas hazard. Check additional inhalation-hazard markings.

Source basis

Transport entry references: NOAA CAMEO, BAM dangerous-goods database and the manufacturer SDS links on each product card. Hazard symbols use CC0 vector redrawings by Ch1902 based on US DOT artwork, with normalized geometry checked against 49 CFR 172.407 and the relevant label illustrations. Provenance links are in source-register.json. These sources do not certify the finished printed sticker. Review date: 2026-09-30.