

Customer Advisory

Dangerous Goods/Hazardous Materials FCL Shipping Requirements

Dear Valued Customer:

There are certain products that, due to their characteristics or properties, can pose a risk to human life, property, and the environment in the course of being shipped – especially when involved in an incident (e.g., spills, fires). If in doubt, you must consult the product manufacturer’s (Material) Safety Data Sheet, transportation section. The following list includes many common consumer products that can easily be purchased at most stores. For example (including, but not limited to):

- **Aerosol spray cans:** contents under pressure, e.g., bug spray, spray paint, cooking spray, starch spray.
- **Air conditioning products:** refrigerant gases, e.g., Freon[®], R134A, R410A.
- **Alcohol based products:** e.g., perfume, rubbing alcohol, gel fuel, alcoholic beverages (48-140 proof in packages greater than 250L; 140 proof or more in any package size).
- **Automotive products:** e.g., motor fuels, mineral spirits, fuel injector cleaner, brake cleaner, tire inflators, lead-acid batteries, air bag inflators, seatbelt pretensioners, shocks, struts.
- **Batteries:** medium to large (i.e., non-household variety), wet type, e.g., lead-acid or lead-alkali, or dry type, e.g., Ni-Cd, NiMH, lithium-ion; and battery powered devices, e.g., cordless drills, computer laptops.
- **Bleaches:** household bleach’s considered hazardous materials by DOT or international regulations; e.g. *Clorox Bleach* products; *Great Value, White Cloud, Style Select, Chloralex,* and *Cloralen Aromas Floral Bleach* products, and *Comet Cleaner with Bleach* etc. (this list is not all-inclusive).
- **Cylinders or “tanks”:** containing gases, e.g., propane, Freon[®], oxygen, acetylene, fire extinguishers, CO₂.
- **Explosives:** e.g., ammunitions, small arms cartridges, flares, fireworks.
- **Industrial or agricultural materials:** e.g., adhesives, asphalt, MEKP, fertilizers (≥45% ammonium nitrate).
- **Lighters & matches**
- **Motorized vehicles or equipment:** e.g., vehicles, engines, generators, lawnmowers & trimmers.
- **Office supplies:** e.g., “canned air”, printing inks, Liquid Paper[®], UPS (battery backup).
- **Paint related materials:** e.g., oil-based paints, primers, lacquers, stains, thinners.
- **Pesticides:** i.e., herbicides, fungicides, insecticides, bactericides.
- **Pool products:** e.g., chlorinating or corrosive pH control products.

THE LAW: These products are generally considered “Dangerous Goods” (“DG”) or “Hazardous Materials” (“HM”), and are regulated by DOT (49 CFR) and IMO (IMDG Code) regulations (*NOTE: For the purpose of this document, reference to “Dangerous Goods” is synonymous with “Hazardous Materials”*). Normally, shipments made under the IMDG code would satisfy the DOT requirements provided some additional U.S. requirements are met (see 49 CFR 171.22, .23, & .25). If there is a conflict between the two regulations, the more stringent requirement takes precedence.

The shipper is responsible to ensure their DG cargo is in compliance with the applicable regulations for the intended mode of transportation prior to tendering it to a carrier. The carrier’s responsibility is to confirm, as a condition of acceptance, that the shipper has, in fact, complied with these regulations prior to the carrier accepting for transport or transporting their DG cargo. Although Cargo International Consolidators operates its own freight consolidation warehouse, the ultimate mode of transportation is by international oceangoing vessel. Therefore, the shipper must offer their shipment in conformance with the regulations for ocean export (i.e., IMDG and CFR).

The following items are required for a DG full-container-load (FCL) shipment:

TRANSPORTATION DOCUMENTATION: A Dangerous Goods Declaration (DGD), or equivalent transport document, containing the following information:

a. Basic Description (items 1 - 4, must be in specific sequence, with no other information in between):

- 1) **ID No.** (UN No., or NA No. if only regulated in the U.S.).
- 2) **Proper Shipping Name** (including technical name, when required, in parenthesis).
- 3) **Hazard Class No.** (including subsidiary classes, when required, in parenthesis).
- 4) **Packing Group** (when required, in Roman numerals, e.g., PG III or III).
- 5) **Additional description** (listed after items 1 - 4 above; e.g., “Marine Pollutant”, “Limited Quantity”, “Flashpoint” in degrees C/F, “Residue Last Contained” or “Empty Uncleaned”, “RQ”, “Poison-Inhalation Hazard”, “DOT-E or DOT-SP No.”, “LAA No.” for lighters, “EX No.” for explosives).

Examples

UN 1098, ALLYL ALCOHOL, 6.1 (3), I, -12 C

UN 1098, ALLYL ALCOHOL, Class 6.1 (3), Packing Group I, Flashpoint -12 C

b. No. of Packages & Type of Packages

c. Gross Weight (weight of package and its contents, in Kg/Lb or L/Gal, for each line item described).

d. 24-hour Emergency Telephone No. & Contact Name (or contract no. or registrant name when the shipper contracts a third party emergency response provider, e.g., Chemtrec).

e. Signed/dated Shipper’s Declaration stating:

- 1) *“I hereby declare that the contents of this consignment are fully and accurately described below by the Proper Shipping Name, and are classified, packaged, marked, and labeled/placarded and are in all respects in condition for transportation according to the applicable international and national governmental regulations.”*
- 2) Name/signature of person preparing the document, company name, location, and date the document was prepared or offered to the initial carrier.

f. Signed/dated Container Packing Certificate stating:

- 1) *“It is declared that the packing of the goods into the container/vehicle has been carried out in accordance with the applicable provisions.”*
- 2) Container no., name/signature of person responsible for the packing/loading operation, company name, location, and date container was packed/loaded.

g. Shipper & Consignee (full name and physical address – not billing addresses or P.O. Boxes)

h. Port of Loading & Discharge (and Vessel Name & Voyage No., if known)

i. Pages consecutively numbered (e.g., 1 of 2, 2 of 2)

MARKING, LABELING & PLACARDING:

a) Packages/Overpacks – UN No., Proper Shipping Name, Hazard Class, and/or other required markings/labeling (e.g., Limited Quantity, Marine Pollutant) must be affixed to each package (and overpack, unless visible).

b) Tank/Freight Containers – On each side/end: Hazard Class, UN No. (all tanks; freight containers with 4,000 Kg of a single DG only), Proper Shipping Name (tanks; sides only), and/or other required markings/placarding.

NON-COMPLIANT SHIPMENTS: All shipments found to be non-compliant with the referenced regulations are subject to refusal or “hold” status until the shipment is made compliant. This may be arranged by either the shipper (or agent thereof), or as a courtesy, by Cargo International Consolidators Inc, by contacting a third party DG specialist who, with the shipper’s consent, will make the shipment compliant at a nominal cost.

TEMPORARY STORAGE: All DG shipments will be provided with temporary storage for a period not to exceed 30 calendar days. In the event this timeframe is exceeded, the shipper shall be contacted. If the issue is not resolved promptly, arrangements shall be made for final disposition of the shipment. In this case, the shipper shall be liable for all costs associated with extended storage and final disposition of the abandoned cargo.

CUSTOMER ASSISTANCE: This document is provided solely for guidance purposes only and in no manner satisfies or influences any state, federal or international requirements. The study or use of this document does not qualify an individual to prepare, package, transport, or otherwise handle DG.

Thank you for your continued business.