



SHIPPING DRY ICE

Introduction

Many perishable items, such as food, medical shipments or non-hazardous chemicals, are shipped with dry ice as a refrigerant. As long as the dry ice is not chilling a dangerous good (as defined by the International Air Transport Association - IATA).

Before You Prepare Your Shipment,

When shipping internationally, call Express Solutions Customer Service at + 32 2 753 05 50 to check commodity acceptability by service and origin in combination with the destination city/postal code/country. Not all destination countries can accept dry ice shipment.

How to Prepare a Dry Ice Shipment

1. Package

- Dry ice releases carbon dioxide gas which can build up enough pressure to rupture the packaging. You must ensure the packaging you use allows the release of this pressure to prevent rupturing the package. For example, do not use steel drums or jerricans as outer packaging, and do not place dry ice within sealed plastic bags.
- Use good quality fiberboard (corrugated cardboard), plastic or wooden boxes.
- A layer of Styrofoam within a box works well as insulation. Ensure the Styrofoam IS NOT sealed to be airtight.
- Styrofoam must not be used as an outer packaging.
- The maximum amount of dry ice per package is 50 kg.

Exception: Overpacks containing dry ice and shipments which meet Special Provision A151.

2. Mark

The following package markings are required:

- a. Dry Ice (or Carbon Dioxide Solid)

Note: The Proper Shipping Name, namely Dry Ice (or Carbon Dioxide Solid) must be on the same surface of the package as the hazard label or Class 9 label, when package dimensions are adequate.

- b. UN 1845
- c. The net quantity of dry ice in the package or overpack, in kilograms.

The name and address of both the shipper and recipient must be durably marked. This information can be marked on the package



Name and address of shipper and recipient

Class 9 label

Net quantity of dry ice in the package

All self-adhesive labels must be affixed directly to the package. Do not place labels in, or on, a plastic pouch.

NOTE: If using a Dry Ice label with preprinted UN number, please handwrite the UN number to ensure appropriate marking size for package capacity.

3. Label

- A Class 9 label is required. Do NOT write inside the diamond border of the label.
- The label may be attached to the package by means of a strong tag.
- Special Dry Ice labels are available upon request. These labels greatly simplify the marking and labeling process.