

PACKING INSTRUCTION 954 – for UN1845 (Dry Ice)

This instruction applies to UN 1845, **Carbon dioxide, solid (dry ice)** on passenger aircraft and Cargo Aircraft Only.

The General Packing Requirements of Subsection 5.0.2 must be met.

Additional Packing Requirements

In packages:

- (a) must be in packaging designed and constructed to permit the release of carbon dioxide gas and to prevent a build-up of pressure that could rupture the packaging;
- (b) the shipper must make arrangements with the operator(s) for each shipment, to ensure ventilation safety procedures are followed;
- (c) the Shipper's Declaration requirements of Subsections 8.1 and 10.8.1 are only applicable when the Carbon dioxide, solid (dry ice) is used as a refrigerant for dangerous goods that require a Shipper's Declaration;
- (d) when a Shipper's Declaration is not required, the following information, as required by 8.2.3 for the Carbon dioxide, solid (dry ice), must be contained in the "Nature and Quantity of Goods" box on the air waybill and should be shown in the following order:
 - 1) UN 1845;
 - 2) proper shipping name (Carbon dioxide, solid or Dry ice);
 - 3) 9 (the word "Class" may be included prior to the number "9");
 - 4) the number of packages; and
 - 5) the net weight of dry ice in each package.
- (e) the net weight of the Carbon dioxide, solid (dry ice) must be marked on the outside of the package.

Dry ice used as a refrigerant for other than dangerous goods:

- (a) may be shipped in a unit load device or other type of pallet prepared by a single shipper provided that the shipper has made prior arrangements with the operator;
- (b) the unit load device, or other type of pallet must allow the venting of the carbon dioxide gas to prevent a dangerous build-up of pressure;
- (c) the shipper must provide the operator with written documentation stating the total weight of the dry ice contained in the unit load device or other type of pallet.

Notes:

- 1. Refer to the relevant airline's loading procedures for Carbon dioxide, solid (dry ice) limitations.
- 2. For Air Waybill requirements see 8.2.3. For loading instructions see 9.3.12.
- 3. For cooling purposes, an overpack may contain Carbon dioxide, solid (dry ice), provided that the overpack meets the requirements of Packing Instruction 904.

UN Number	Net Quantity per package
UN 1845 Carbon dioxide, solid (Dry Ice)	200 kg