

Material Safety Data Sheet
 May be used to comply with
 OSHA's₂ Hazard Communication Standard,
 29 CFR 1910, 1200. Standard must be
 consulted for specific requirements.

U.S. Department of Labor
 Occupational Safety and Health Administration
 (Non-Mandatory Form)
 Form Approved
 OMB No. 1218-0072

IDENTITY (As Used on Label and List)
 Carbon Dioxide, Solid

Note: Blank spaces are not permitted. If any item is not applicable, or no information is available, the space must be marked to indicate that.

Section I

Manufacturer's Name American Dry Ice Corporation	Emergency Telephone Number (800) 248-1104 and/or (413) 283-9906
Address (Number, Street, City, State and Zip Code) 19 Second Street, P.O. Box 719	Telephone Number for Information George Koerner (603) 627-7710
Palmer Industrial Park	Date Prepared April 4, 1988; Revised July 1, 1991; Revised January 1, 2002; Revised March 1, 2003
Palmer, MA 01069	Signature of Preparer (optional) Robert M. Koerner

Section II -- Hazardous Ingredients/Identity Information

Hazardous Components (Specific Chemical Identity; Common Name(s))	OSHA PEL	ACGIH TLV	Other Limits Recommended	% (optional)
Solid Carbon Dioxide; Carbonic Anhydride, Nuggets, Pellets, Block Dry Ice, Hot Ice, Dry Ice Disc (Trade Names); SCO_2	5,000PPM	5,000PPM	30,000PPM (STEL)	99.5
C.A.S. No -- 124-38-9				
DOT No. -- UN-1845				

Section III -- Physical/Chemical Characteristics

Boiling Point N/A	Sublimation Point (-79C) -109°F	Specific Gravity ($H_2O = 1$) 1 ATM	1.014 @ 2°F
Vapor Pressure (mm Hg.) @ 70°F (21°C) =	845PSIA	Melting Point -69.83°F, -56.57°C @ 75.1 PSIA	
Vapor Density (AIR = 1) @ 70°F (21°C) =	.1144lb/ft ³	Evaporation Rate (Butyl Acetate = 1)	N/A
Solubility in Water @ 68°F (20°C) = 87%			
Appearance and Odor White opaque solid; slight pungent odor			

Section IV -- Fire and Explosion Hazard Data

Flash Point (Method Used) N/A	Flammable Limits N/A	LEL N/A	UEL N/A
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Extinguishing Media
 Non-flammable, inert gas

Special Fire Fighting Procedures

This material is non-combustible, used as an extinguishing agent for smothering class B & C fires.

Unusual Fire and Explosion Hazards

Dry Ice should not be stored in air tight containers unless specifically designed for that purpose; when confined in sealed containers, heat will cause sublimation resulting in container rupture or an explosion.

Judgments as to the suitability of information herein for purchaser's purposes are necessarily purchaser's responsibility. Therefore, although reasonable care has been taken in the preparation of such information, American Carbonation extends no warranty, makes no representations, and assumes no responsibility as to the accuracy or suitability of such information for application to purchaser's intended purposes or consequences of its use. Since American Carbonation has no control over the use of this product, it assumes no liability for damage or loss of product resulting from proper (or improper) use or application of the product. Data sheets may be changed from time to time. Be sure to consult the latest edition.