

MATERIAL SAFETY DATA SHEET

An explanation of the terms used herein may be found in OSHA 29 CFR 1910.1200, available from OSHA regional or area offices.

(Essentially similar to US Department of Labor Form OMB No. 1218-0072)
Do Not Duplicate This Form. Request an Original.



#12

I. PRODUCT IDENTIFICATION

PRODUCT	25% Carbon Dioxide—75% Argon Mixture		
CHEMICAL NAME	Carbon Dioxide—Argon Mixture	SYNONYMS	C-25 Shielding Gas
FORMULA	Mixture of CO ₂ and Ar	CHEMICAL FAMILY	Not applicable
		MOLECULAR WEIGHT	Not applicable
TRADE NAME	C-25 Shielding Gas (This product is intended for electric welding use.)		

II. HAZARDOUS INGREDIENTS

This section covers the materials from which this product is manufactured. The fumes and gases produced during cutting with the normal use of this product are covered by Section VI. The term "hazardous" should be interpreted as a term required and defined in OSHA 29 CFR 1910.1200 and does not necessarily imply the existence of any hazard.

MATERIAL (CAS NO.)	Wt (%)	1992-1993 ACGIH TLV-TWA (OSHA-PEL)	
Argon (7440-37-1)	75	Simple asphyxiant	(None currently established)
Carbon Dioxide (124-38-9)	25	5000 ppm	(5,000)

III. PHYSICAL DATA

BOILING POINT, 760 mm. Hg	Not applicable	FREEZING POINT	Not applicable
SPECIFIC GRAVITY (H₂O = 1) Gas		VAPOR PRESSURE AT 20°C. Gas	
VAPOR DENSITY (air = 1)	1.42	SOLUBILITY IN WATER, % by wt.	Negligible
PERCENT VOLATILES BY VOLUME	100	EVAPORATION RATE (Butyl acetate = 1)	Not applicable

APPEARANCE AND ODOR Colorless, odorless gas at normal temperature and pressure.

EMERGENCY PHONE NUMBER

IN CASE OF EMERGENCIES involving this material, further information is available at all times:

Call CHEMTREC 800-424-9300 only in the event of chemical emergencies involving a spill, leak, fire, exposure or accident involving chemicals. For routine information contact your supplier.

This product is subject to the Pennsylvania Worker and Community Right-To-Know Act (35 P.S. Sections 7301-7320).

Praxair requests the users of this product to study this Material Safety Data Sheet (MSDS) and become aware of product hazards and safety information. To promote safe use of this product a user should (1) notify its employees, agents and contractors of the information on this MSDS and any product hazards and safety information, (2) furnish this same information to each of its customers for the product, and (3) request such customers to notify their employees and customers for the product of the same product hazards and safety information.

Revised

PRAXAIR, INC.

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