

PRAXAIR INC -- ARGON -- 6685-00-076-1954

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===== Product Identification =====

Product ID:ARGON
MSDS Date:12/01/1992
FSC:6685
NIIN:00-076-1954
Status Code:A
MSDS Number: CJLTY
==== Responsible Party ====
Company Name:PRAXAIR INC
Address:39 OLD RIDGEBURY RD
City:DANBURY
State:CT
ZIP:06810-5113
Country:US
Info Phone Num:800-772-9257
Emergency Phone Num:800-772-9257
CAGE:0LV01

==== Contractor Identificati
on ====

Company Name:MOELLER INSTRUMENT CO
Address:126 MAIN ST
Box:668
City:IVORYTON
State:CT
ZIP:06442
Country:US
Phone:860-767-2104
Contract Num:SP0440-98-M-K357
CAGE:76526
Company Name:PRAXAIR, INC.
Address:39 OLD RIDGEBURY RD
Box:City:DANBURY
State:CT
ZIP:06810-5113
Country:US
Phone:800-772-9247; 800-PRAXAIR
CAGE:0LV01

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===== Composition/Information on Ingredients =====

Ingred Name:ARGON
CAS:7440-37-1
RTECS #:CF2300000
= Wt:100.
Other REC Limits:NONE RECOMMENDED
ACGIH TLV:A

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===== Hazards Identification =====

LD50 LC50 Mixture:TLV 0.5 MG/M3 (WELDING FUMES)

Routes of Entry: Inhalation:YES Skin:NO Ingestion:NO

Reports of Carcinogenicity:NTP:NO IARC:NO OSHA:NO

Health Hazards Acute and Chronic:INHALATION: ASPHYXIANT. MODERATE
CONCENTRATIONS MAY CAUSE HEADACHE, DROWSINESS, DIZZINESS,
EXCITATION, EXCESS SALIVATION, VOMITING AND UNCONSCIOUSNESS. NOTE:
THERE ARE ADDITIONAL HEALTH HAZARDS WHEN P RODUCT IS U
SED IN
WELDING AND CUTTING.

Explanation of Carcinogenicity:THIS PRODUCT IS NOT LISTED BY IARC, NTP
OR OSHA AS A CARCINOGEN, MUTAGEN, TERATOGEN OR NEUROTOXIN.

Effects of Overexposure:HEADACHE, DROWSINESS, DIZZINESS, EXCITATION,
EXCESS SALIVATION, VOMITING AND UNCONSCIOUSNESS.

Medical Cond Aggravated by Exposure:A KNOWLEDGE OF THE AVAILABLE
TOXICOLOGICAL INFORMATION & THE PHYSICAL PROPERTIES SUGGEST THAT
OVEREXPOSURE IS UNLIKELY TO AGGRAVATE EXISTING MEDICAL CONDITIONS.

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===== First Aid Measures =====

First Aid:SKIN: FLUSH WITH WATER. EYES: FLUSH WITH WATER. INHALATION:
REMOVE TO FRESH AIR. GIVE ARTIFICIAL RESPIRATION IF NOT BREATHING.
GIVE OXYGEN IF BREATHING IS DIFFICULT. CALL A PHYSICIAN. NOTE TO
PHYSICIA N: THIS PRODUCT IS INERT. THERE IS NO SPECIFIC ANTIDOTE.
TREATMENT OF OVEREXPOSURE SHOULD BE DIRECTED AT THE CONTROL OF
SYMPTOMS AND THE CLINICAL CONDITION.

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===== Fire Fighting Measures =====

Flash Point:NONFLAMMABLE

Lower Limits:NOT GIVEN

Upper Limits:NOT GIVEN

Extinguishing Media:ARGON CANNOT CATCH FIRE. USE MEDIA SUITABLE FOR
SURROUNDING FIRE.

Fire Fighting Procedures:EVACUATE ALL PERSONNEL FROM DANGER AREA.
IMMEDIATELY COOL CONTAINERS WITH WATER SPRAY FROM SAFE DISTANCE.
SHUT OFF LEAK IF WITHOUT RISK.

Unusual Fire/Explosion Hazard:CONTAINER MAY RUPTURE DUE TO HEAT OF
FIRE. NO PART OF CONTAINER SHOULD BE SUBJECTED TO TEMPERATURE
HIGHER T

HAN 125F. MOST CONTAINERS ARE PROVIDED WITH A PRESSURE RELIEF DEVICE DESIGNED TO VENT CONTENTS WHEN THEY ARE EXPOSED TO ELEVATED TEMPERATURES.

===== Accidental Release Measures =====

Spill Release Procedures: ARGON IS AN ASPHYXIAN. EVACUATE ALL PERSONNEL FROM DANGER AREA. USE SELF CONTAINED BREATHING APPARATUS WHERE NEEDED. SHUT OFF CYLINDER IF WITHOUT RISK. VENTILATE AREA OF LEAK OR MOVE CYLINDER TO WELL VENTILATED AREA.

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= Handling and Storage =====

Handling and Storage Precautions: CLOSE VALVE WHEN NOT IN USE AND WHEN EMPTY. USE WITH EQUIPMENT RATED TO ADEQUATELY WITHSTAND PRESSURES TO BE ENCOUNTERED.

Other Precautions: DO NOT GROUND CYLINDER. DO NOT STRIKE ARC ON CYLINDER.

===== Exposure Controls/Personal Protection =====

Respiratory Protection: USE AIR PURIFYING OR AIR-SUPPLIED RESPIRATORS, AS APPROPRIATE, WHERE THE LOCAL NA/OR GENERAL EXHAUST VENTILATION IS NOT ADEQUATE TO KEEP WORKER EXPOSURE BELOW THE APPLICABLE TLV'S DURING WELDING OPERATIONS USING ARGON. AIR SUPPLIED RESPIRATORS ARE REQUIRED WHILE WORKING IN CONFINED SPACES. THE RESPIRATORY PROTECTION USE MUST COMPLY WITH OSHA RULES.

Ventilation: USE LOCAL EXHAUST SYSTEM, IF NECESSARY TO MAINTAIN CONCENTRATION OF HAZARDOUS FUMES AND GASES BELOW APPLICABLE TLV'S.

Protective Gloves: WELDING GLOVES RECOMMENDED.

Eye Protection: HELMET OR FACE SHIELD WITH FILTER LENS

Other Protecti

ve Equipment: AS NEEDED, WEAR HAND, HEAD AND BODY PROTECTION WHICH HELP TO PREVENT INJURY FROM RADIATION, SPARKS AND ELECTRICAL SHOCK.

Work Hygienic Practices: WASH WITH SOAP AND WATER AFTER HANDLING PRODUCT AND BEFORE EATING DRINKING OR SMOKING.

Supplemental Safety and Health

TRAIN WORKER NOT TO TOUCH LIVE ELECTRICAL PARTS.

===== Physical/Chemical Properties =====

HCC: G3

Boiling Pt: -185.8C, -302.6F

Melt/Freeze Pt: -189.1C, -308.6F

Vapor Pres: GAS

Vapor De

nsity:1.378

Spec Gravity:GAS

Evaporation Rate & Reference:NOT GIVEN

Solubility in Water:NEGLIGIBLE

Appearance and Odor:COLORLESS, ODORLESS GAS AT NORMAL TEMPERATURE AND PRESSURE

Percent Volatiles by Volume:100 %

===== Stability and Reactivity Data =====

Stability Indicator/Materials to Avoid:YES

NONE CURRENTLY KNOWN. ARGON IS CHEMICALLY INERT.

Stability Condition to Avoid:DO NOT STRIKE ARC ON CYLINDER. DO NOT GROUND CYLINDER

Hazardous Decomposition Product

s:OZONE AND NITROGEN OXIDES MAY BE FORMED BY RADIATION FROM THE ARC.

===== Disposal Considerations =====

Waste Disposal Methods:SLOWLY RELEASE INTO THE ATMOSPHERE. DISCARD ANY PRODUCT, RESIDUE, DISPOSAL CONTAINER OR LINER IN AN ENVIORNMENTALLY ACCEPTABLE MANNER, IN FULL COMPLIANCE WITH ALL FEDERAL, STATE AND LOCAL REGULATIONS .

===== Regulatory Information =====

State Regulatory Information:THIS PRODUCT IS SUBJECT TO THE

PENNSYLVANIA WORKER AND COMMUNITY RIGHT-TO-KNOWN ACT (36 P.S. SECTIONS 7301-7320).

===== Other Information =====

Disclaimer (provided with this information by the compiling agencies):

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