

UNION CARBIDE CORP LINDE DIV -- ARGON -- 6685-00-133-4223

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

Product ID:ARGON

MSDS Date:12/01/1986

FSC:6685

NIIN:00-133-4223

MSDS Number: BQKML

=== Responsible Party ===

Company Name:UNION CARBIDE CORP LINDE DIV

Address:39 OLD RIDGEBURY RD

City:DANBURY

State:CT

ZIP:06817-0001

Country:US

Info Phone Num:203-794-2000

Emergency Phone Num:203-794-2000

CAGE:36346

=== Contractor Identification ===

Company Name:MOELLER INSTRUMENT CO

Add

ress:126 MAIN ST

Box:668

City:IVORYTON

State:CT

ZIP:06442

Country:US

Phone:860-767-2104

CAGE:76526

Company Name:UNION CARBIDE CORP LINDE DIV

Address:39 OLD RIDGEBURY RD

Box:City:DANBURY

State:CT

ZIP:06817-0001

Country:US

Phone:800-822-4357; 304-744-3487

CAGE:36346

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

Ingred Name:ARGON

CAS:7440-37-1

Fraction by Wt: 100%

Other REC Limits:NONE DETERMINED

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

Route

s of Entry: Inhalation:YES Skin:YES Ingestion:NO  
Reports of Carcinogenicity:NTP:NO IARC:NO OSHA:NO  
Health Hazards Acute and Chronic:FUMES AND GASES CAN BE DANGEROUS TO  
YOUR HEALTH AND MAY CAUSE LUNG DISEASE.SHORTTERM OVEREXPOSURE TO  
FUMES MAY RESULT IN DISCOMFORT SUCH AS DIZZINESS, NAUSEA,ORDRYNESS  
OR IRRITATION OF NOSE, THROAT, O R EYES. SOME TOXIC GASES  
ASSOCIATED WITHWELDING & RELATED PROCESSES MAY CAUSE PULMONARY  
EDEMA, ASPHYXIATION, AND DEATH.

Effects of Overexposur

e:ASPHYXIAANT. MODERATE CONCENTRATIONS MAY CAUSE  
HEADACH, DROWSINESS, DIZZINESS, EXCITATION, EXCESS SALIVATINO,  
VOMITING, AND UNCONSCIOUSNESS. ARGON IS AN ASPHY-XIAANT. LACK OF  
OXYGEN CAN CAUSE DEATH. FUM ES AND GASES CAN BE DANGEROUS TO YOUR  
HEALTH AND MAY CAUSE SERIOUS LUNG DISEASE.

Medical Cond Aggravated by Exposure:NONE SPECIFIED BY MANUFACTURER.NK

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

First Aid:SKIN/EYE CONTACT: FLUSH WITH WATER. INHILATION: R  
EMOVE TO  
FRESH AIR. GIVE CPR IF NOT BREATHING AND OXYGEN IF BREATHING IS  
DIFFICULT. CALL A PHYSICIAN.

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

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

Fire Fighting Procedures:EVACUATE ALL PERSONNEL FROM DANGER AREA. COOL  
CYLINDER WITH WATER SPRAY FROM MAX DISTANCE, THEN MOVE CONTAINERS  
AWAY FROM FIRE AREA IF W/O RISK. SHUT LEAK OFF.

Unusual Fire/Explosion Hazard:ARGO  
N CANNOT CATCH FIRE. CONTAINER MAY  
RUPTURE DUE TO HEAT OF FIRE. NO PART OF CONTAINER SHOULD BE  
SUBJECTED TO A TEMPERATURE HIGHER THAN 125F/52C.

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

Spill Release Procedures:EVACUATE ALL PERSONNEL FROM DANGER AREA. USE  
SELF CONTAINED BREATHING APPARATUS WHERE NEEDED. SHUT OFF CYLINDER  
IF W/O RISK. VENT AREA OF LEAK OR MOV CYL TO WELL VENTILATED AREA.  
TEST AREA FOR SUFFICIO XY CONTENT PRIOR TO PERMITTING RE-ENTRY.

===== Handling and Storage =====

Handling and Storage Precautions:PREVENT FIRES. STORE/USE WITH ADEQUATE VENTILATIONTHE DEFECT PRODUCED BY AN ARC BURN COULD LEAD TO CYLINDER RUPTURE. DO NOT GROUND CYLINDER.

Other Precautions:SEE NFPA 51B

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

Respiratory Protection:USE RESPIRABLE FUME RESPIRATOR OR AIR SUPPLIED RESPIRATOR WHEN WORKING IN CON- FINED SPACE OR WHERE LOCAL EXHAUST O

R VENTILATION DOES NOT KEEP EXPOSURE BELOW TLV.

Ventilation:USE ENOUGH VENTILATION, LOCAL EXHAUST OR BOTH, TO KEEP FUMES& GASES BELOW TLV'S IN THE WORKERS BREATHING ZONE & AREA.

Protective Gloves:WELDING GLOVES

Eye Protection:WEAR HELMET OR USE FACE SHIELD

Other Protective Equipment:AS NEEDED, WEAR HAND, HEAD,AND BODY PROTECTION WHICH HELP TOPREVENT INJURY FROM RADIATION, SPARKS, & ELECTRICAL SHOCK.

Supplemental Safety and Health

WHEN TWO OR MORE GASES, OR LIQUEFIED GASES ARE MIXED, THEIR HAZARDOUS

PROPERTIES MAY COMBINE TO CREATE ADDITIONAL, UNEXPECTED HAZARDS.

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

HCC:G3

Boiling Pt:B.P. Text:-185C/-302F

Vapor Pres:GAS

Vapor Density:SEE BELOW

Spec Gravity:GAS

Solubility in Water:NEGLIBLE

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.

Stability Condition to Avoid: HIGH PRESSURE GAS. CLOSE VALVE WHEN NOT IN USE & WHEN EMPTY. USE WITH EQUIP RATED TO WITHSTAND PRESSURE. DON'T GROUND CYL.

Hazardous Decomposition Products: OZONE & NITROGEN OXIDES MAY BE FORMED BY THE RADIATION FROM ARC.

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

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

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