

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

=== Con

tractor Identification ===

Company Name:MOELLER INSTRUMENT CO

Address: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

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Hazards Identification  
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Routes 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,OR DRYNESS OR IRRITATION OF NOSE, THROAT, O R EYES. SOME TOXIC GASES ASSOCIATED WITHWELDING & RELATED PROCESSES MAY CAUSE PULMONARY

EDEMA, ASPHYXIATION, AND DEATH.

Effects of Overexposure:ASPHYXIANT. MODERATE CONCENTRATIONS MAY CAUSE HEADACH, DROWSINESS, DIZZINESS, EXCITATION, EXCESS SALIVATION, VOMITING, AND UNCONSCIOUSNESS. ARGON IS AN ASPHY-XIANT. LACK OF OXYGEN CAN CAUSE DEATH. FUMES AND GASES CAN BE DANGEROUS TO YOUR HEALTH AND MAY CAUSE SERIOUS LUNG DISEASE.

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

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

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Fire Fighting Measures  
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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:ARGON 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.

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Accidental Release Measures  
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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 MOVE CYL TO WELL VENTILATED AREA.

TEST AREA FOR SUFFICIO XY CONTENT PRIOR TO PERMITTING RE-ENTRY.

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===== 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

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

Respiratory Protection:USE RESPIRABLE FUME RESPIRATOR OR AIR SUPPLIED RESPIRA

TOR WHEN WORKING IN CON- FINED SPACE OR WHERE LOCAL EXHAUST OR 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.

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===== 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

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===== Stability and Reac

tivity 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  
PR  
ODUCRESIDUE, DISPOSABLE CONTAINER OR LINER IN AN ENVIRONMENTALLY  
ACCEPTABLE MANNER IN FULL COMPLIANCE WITH FEDERAL, STATE AND LOCAL  
REGULATIONS.

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