View NSN Online: https://aerobasegroup.jp/nsn/5310-00-167-0779 UNION CARBIDE CORPORATION -- ARGON -- 6830-00-167-0779 ============= Product Identification ======================== Product ID:ARGON MSDS Date:12/01/1986 FSC:6830 NIIN:00-167-0779 MSDS Number: BHCYW === Responsible Party === Company Name: UNION CARBIDE CORPORATION Address:39 OLD RIDGEBURY ROAD City:DANBURY State:CT ZIP:06817-0001 Country:US Emergency Phone Num:1-800-822-4357 CANADA 514-640-6400 CAGE:36346 === Contractor Ide ntification === Company Name: HAMPTON ROADS SUPPLY UNION CARBIDE LINDE DIVISION Address:3450 VIRGINIA BEACH BLVD Box:12567 City:NORFOLK State:VA ZIP:23502-3123 Country:US CAGE:7D711 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

======= Hazards Identification

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,ORDRYNESS OR IRRITATION OF NOSE, THROAT, O R EYES. SOME TOXIC GASES ASSOCIATED WITHWELDING & RELATED PROCESSES MAY CAUSE PULMONARY EDEMA, ASPHYXIATION, AND D

EATH.

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

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

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

Extinguishing Media:STOP FLW OF GAS W/O RISK WHILE CONT WTR SPRAY.ALLOW FIRE TO BRN OUT.ON SITE FIRE BRIGADES MUST COMPLY W/OSHA29CFR1910 Fire Fighting Procedures:EVACUATE ALL PERSONNEL FROM DANGER AREA. IMMED. COOL CYL. WITH WATER SPRAY FROMMAX 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 TEMP 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 MOVCYL TO WELL VENTILATED AREA. TEST AREA FOR SUFFICI OXY 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 EXHA UST 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 A RE MIXED, THEIR HAZARDOUS PROPERTIESMAY COMBINE TO CREATE ADDITIONAL, UNEXPECTED HAZARDS.
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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

NK *VAP DENS: 1.378 @ 21.2C/70F

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 PRODUCRESIDUE, DISPOSABLE CONTAINER OR LINER IN AN ENV IRONMENTALLY

ACCEPTABLE MANNER IN FULL COMPLIANCE WITH FEDERAL, STATE AND LOCAL REGULATIONS.

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