City:DANBURY

State:CT

ZIP:06817-0001

Info Phone Num:304-744-3487

Emergency Phone Num:304-744-3487

CAGE:36346 === Contract

or Identification ===

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: HELIUM

CAS:7440-59-7

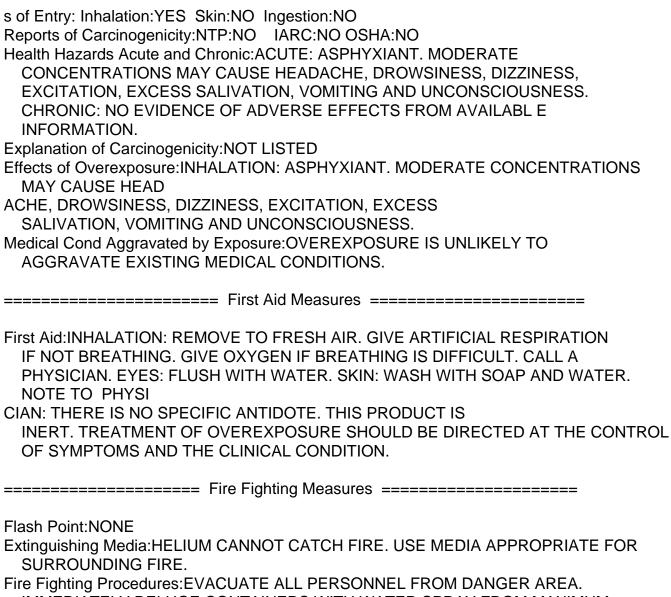
RTECS #:MH6520000 Fraction by Wt: 100%

OSHA PEĹ:SIMPLE ASPHYXIANT ACGIH TLV:SIMPLE ASPHYXIANT

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

LD50 LC50 Mixture:SIMPLE ASPHYXIANT

Route



Fire Fighting Procedures: EVACUATE ALL PERSONNEL FROM DANGER AREA.

IMMEDIATELY DELUGE CONTAINERS WITH WATER SPRAY FROM MAXIMUM
DISTANCE UNTIL C

OOL, THEN MOVE CONTAINERS AWAY FROM AREA.

Unusual Fire/Explosion Hazard: HELIUM CANNOT CATCH FIRE. CONTAINER MAY RUPTURE DUE TO HEAT OF FIRE. KEEP TEMPERATURE BELOW 125F. MOST CONTAINERS HAVE A PRESSURE RELIEF VALVE TO VENT CONTENTS.

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

Spill Release Procedures:EVACUATE ALL PERSONNEL FROM DANGER AREA. USE SELF-CONTAINED BREATHING APPARATUS WHERE NEEDED. SHUT OFF LEAK IF WITHOUT RISK. VENTILATE AREA OF LEAK OR MOVE

LEAKING CONTAINERS TO WELL-VENTILATED AREA. TEST AREA FOR SUFFICIENT OXYGEN PRIOR TO ENTRY. Neutralizing Agent:NONE ============= Handling and Storage ========================== Handling and Storage Precautions: NEVER WORK ON A PRESSURIZED SYSTEM. IF THERE IS A LEAK, CLOSE THE CYLINDER VALVE, BLOW DOWN THE SYSTEM BY VENTING TO A SAFE PLACE, THEN REPAIR LEAK. Other Precautions: CAUTION: HIGH PRESSURE GAS. USE PIPING & EQUIPMENT ADEQUATELY DESIGNED TO WITHSTAND PRESSURES TO BE ENCOUNTERED. CAN CAUSE RAPID SUFFOCATION DUE TO OXYGEN DEFICIENCY. STORE & USE WITH ADEQUATE VENTILAT ION. CLOSE VALVE WHEN NOT IN USE/EMPTY. ===== Exposure Controls/Personal Protection ======== Respiratory Protection: USE NIOSH/MSHA APPROVED RESPIRATOR IN ACCORDANCE WITH OSHA 29 CFR 1910.134. Ventilation: LOCAL EXHAUST PREFERRED, MECHANICAL ACCEPTABLE. Protective Gloves: WORK GLOVES FOR CYLINDER HANDLING. Eye Protection: SELECT GOGGLES I/A/W OSHA 29 CFR1910.133 Ot her Protective Equipment: METATARSEL SHOES FOR CYLINDER HANDLING (OSHA 29 CFR 1910.132 & 133). Work Hygienic Practices: NONE Supplemental Safety and Health DO NOT STRIKE ARC ON CYLINDER. FOR SAFETY INFORMATION ON GENERAL HANDLING OF COMPRESSED GAS CYLINDERS, OBTAIN A COPY OF PAMPHLET P-1, "SAFE HANDLING OF COMPRESSED GASES IN CONTAINERS" FROM THE COMPRES SED GAS ASSOCIATION, INC. 1235 JEFFERSON DAVIS HIGHWAY. ARLINGTON, VA 22202. ======= Physical/Chemical Propertie S ========== HCC:G3 Boiling Pt:B.P. Text:-452F,-269C Vapor Pres:GAS Vapor Density:0.138 Spec Gravity: GAS Solubility in Water: NEGLIGIBLE Appearance and Odor: COLORLESS GAS AT NORMAL TEMPERATURE AND PRESSURE;

ODORLESS.

Percent Volatiles by Volume:100

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

Stability Indicator/Materials to Avoid:YES

NONE CURRENTLY KNOWN. HELIUM IS CHEMICALLY INERT.

Stability Condition to Avoid:HIGH TEMPERATURES ABOVE 125F.

Hazardous Decomp

osition Products:NONE

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

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

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