View NSN Online: https://aerobasegroup.es/nsn/9140-00-285-4769 MG INDUSTRIES -- NITROGEN, CRYOGENIC LIQUID -- 6830-00-285-4769 Product ID:NITROGEN, CRYOGENIC LIQUID MSDS Date: 10/09/1990 FSC:6830 NIIN:00-285-4769 MSDS Number: BNRNY === Responsible Party === Company Name: MG INDUSTRIES Address:2460 BOULEVARD OF THE GENERALS Box:945 City: VALLEY FORGE State:PA ZIP:19482 Country:US Info Phone Num:800-424-9300 CHEMTREC Emergency Ph one Num:800-424-9300 CHEMTREC CAGE:08772 === Contractor Identification === Company Name: MG INDUSTRIES Address: 3 GREAT VALLEY PKY Box:City:MALVERN State:PA ZIP:19355-1424 Country:US Phone:610-695-7400 / 610-695-7449 CAGE:08772 ======= Composition/Information on Ingredients ========

Ingred Name: NITROGEN, CRYOGENIC LIQUID

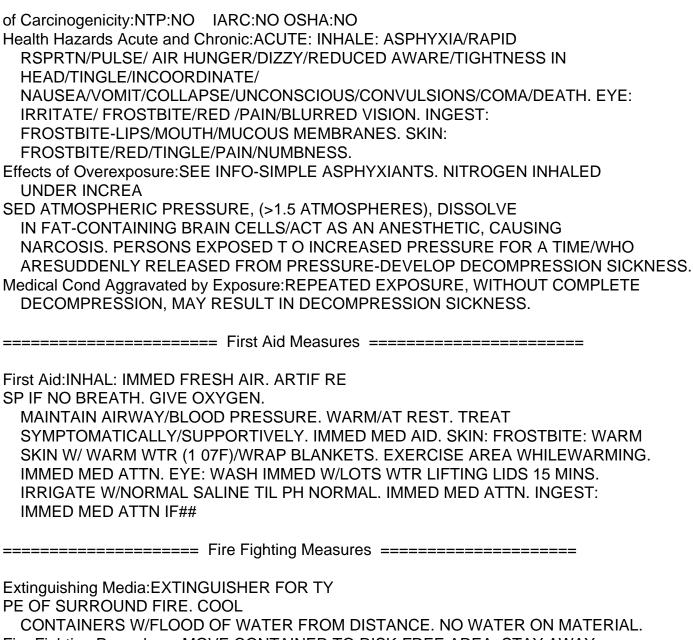
CAS:7727-37-9

RTECS #:QW9700000 Fraction by Wt: 100%

Other REC Limits: NONE SPECIFIED

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

Reports



Fire Fighting Procedures:MOVE CONTAINER TO RISK-FREE AREA. STAY AWAY FROM ENDS OF TANKS. ISOLATE FOR 1/2 MILE IN ALL DIRECTIONS IF TANK, RAIL CAR, TANK TRUCK IS INVOLVED IN FIRE. (1990

Unusual Fire/Explosion Hazard:NEGLIGIBLE FIRE HAZARD WHEN EXPOSED TO HEAT OR FLAME. CYLINDER MAY EXPLODE IN HEAT OF FIRE. EMERGENCY RESPONSE GUIDEBOOK, DOT P 5800.5, GUIDE PAGE 21).

======= A

ccidental Release Measures ==========
Spill Release Procedures:DO NOT TOUCH SPILLED MATERIAL. STOP LEAK IF POSSIBLE WITHOUT RISK. KEEP UNNECESSARY PEOPLE AWAY; ISOLATE HAZARD AREA AND DENY ENTRY. VENT CLOSED SPACES BEFORE ENTERING. ##VOMIT OCCURS, KEEP HEAD BELOW HIPS-PREVENT ASPIRATION.
=========== Handling and Storage ==============

Handling and Storage Precautions:STORE IN ACCORDANCE WITH 29 CFR 1910.101. NO PHYSICAL DAMAGE. INSIDE STORAGE; WEL

L VENTED AREA

(NFPA 49, HAZARDOUS CHEMICAL DATA, 19750> STORE AWAY

Other Precautions:FROM INCOMPATIBLE SUBSTANCES. NO OVERHEAT CNTNRS. CONTENTS PRESSURIZED; CNTNRS MAY RUPTURE VIOLENTLY/TRAVEL DISTANCE. CONTACT OF LIQUIFIED GAS W/WATER--VIOLENT EXPLOSIONS.

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

Respiratory Protection:SUPPLIED-AIR RESPIRATOR OPERATED IN PRESSURE-DEMAND OR OTHER POSITIVE PRESSURE MODE. ANY SELF-CONTAINED BREATHING APPARATUS.

Vent

ilation:PROVIDE GENERAL DILUTION VENTILATION.

Protective Gloves: FULL PROTECTIVE/COLD INSULATING GLOVES

Eye Protection: SPLASH PROOF SAFETY GOGGLES/FACESHIELD

Other Protective Equipment:NO CONTACT LENSES. EYE WASH FOUNTAIN/QUICK DRENCH SHOWER.

Supplemental Safety and Health

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

HCC:G3

Boiling Pt:B.P. Text:-321F,-196C

Melt/Freeze Pt:M.P/F.P Text:-346F,-210C Decomp Temp:Decomp Text:N/K #-196C

Vapor Pres:760 MM @#

Vapor Density:.

967

Spec Gravity:.8081 @ -196 C Viscosity:.292CPS@-209C Solubility in Water:1.6% @ 20C

Appearance and Odor:ODORLESS, TASTELESS, COLORLESS LIQUIFIED GAS.

Percent Volatiles by Volume:100

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

Stability Indicator/Materials to Avoid:YES

LITHIUM, MAGNESIUM, NEODYMIUM, OZONE, TITANIUM.

Hazardous Decomposition Products:THERMAL DECOMPOSITION PRODUCTS MAY INCLUDE TOXIC OXIDES OF NITROGEN.

====== Disposal Considerations

Waste Disposal Methods:OBSERVE ALL LOCAL, STATE AND FEDERAL REGULATIONS WHEN STORING OR DISPOSING OF THIS SUBSTANCE. FOR ASSISTANCE, CONTACT DISTRICT DIRECTOR OF THE ENVIRONMENTAL PROTECTION AGANCY.

Disclaimer (provided with this information by the compiling agencies): This information is formulated for use by elements of the Department of Defense. The United States of America in no manner whatsoever, expressly or implied, warrants this information to be accurate and

disclaims all liability for its use. Any person utilizing this document should seek competent professional advice to verify and assume responsibility for the suitability of this information to their particular situation.