View NSN Online: https://aerobasegroup.es/nsn/9140-00-285-4769

AIRCO, DIVISION OF THE BOC GROUP, INC. -- NITROGEN, REFRIGERATED LIQUID

6830-00-285-4769

Product ID:NITROGEN, REFRIGERATED LIQUID

MSDS Date:08/09/1989

FSC:6830

NIIN:00-285-4769

MSDS Number: BDTPK === Responsible Party ===

Company Name: AIRCO, DIVISION OF THE BOC GROUP, INC.

Address:575 MOUNTAIN AVE.

City:MURRAY HILL

State:NJ ZIP:07974 Country:US Info Phone Num: 201-464-8100

Emergency Phone Num:800-424-9300, CHEMTREC

**CAGE:10644** 

=== Contractor Identification ===

Company Name: AIRCO INC, AIRCO INDUSTRIAL GASES DIV.

Address:575 MOUNTAIN AVE

Box:City:MURRAY HILL

State:NJ

ZIP:07974-2006

Country:US

Phone:800-424-9300(CHEMTREC)

CAGE:00741

Company Name: AIRCO, DIVISION OF THE BOC GROUP, INC.

Address:575 MOUNTAIN AVENUE

City:MURRAY HILL

State:NJ ZIP:07974 Country:US

Phone:201-464-8100

CAGE:IO644

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

CAS:7727-37-9
RTECS #:QW9700000
Fraction by Wt: >99.5% ACGIH TLV:ASPHYXIANT; 9192
AGGITTEV.AGTTTAIANT, 3132
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LD50 LC50 Mixture:N/R-NONTOXIC
Routes of Entry: Inhalation:YES Skin:YES Ingestion:NO
Reports of Carcinogenicity:NTP:NO IARC:NO OSHA:NO
Health Hazards Acute and Chronic:INHALATION:NITROGEN IS A SIMPLE
ASPHYXIANT. SKIN:CONTACT WITH CRYOGENIC LIQUID OR COLD PIPING CAN
CAUSE TISSUE FREEZING OR FROSTBITE AND CRYOGE
NIC "BURNS".
Effects of Overexposure:LOSS OF BALANCE, DIZZINESS, TIGHTNESS THE
FRONTAL AREA OF THE FOREHEAD, TINGLING OF THE TONGUE, FINGERTIPS OR
TOES, WEAKENED SPEECH LEADING TO THE INABILITY TO UTTER SOUNDS,
RAPID REDUCTION IN THE ABI LITY TO PREFORM MOVEMENTS, LOSS OF
TACTILE SENSATIONS, HEIGHTED MENTAL ACTIVITY. NOTE: DATA FOR GASEOUS NITROGEN.
Medical Cond Aggravated by Exposure:RESPIRATORY DISORDERS.
Micaldar Cond Aggravated by Exposure. REOF INVITORY DICCREENCE.
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First Aid:PROMPT MEDICAL ATTENTION IS MANDATORY IN ALL CASES OF OVEREXPOSURE TO NITROGEN. RESCUE PERSONNEL SHOULD BE EQUIPPED WITH SCBA. INHALATION: REMOVE TO FRESH AIR. GIVE MOUTH-TO-MOUTH RESUSCITATION & OXYG EN IF UNCONSCIOUS. GET IMMEDIATE MEDICAL HELP. EYE: IMMEDIATELY FLUSH WITH LARGE QUANTITIES OF WATER. GET MEDICAL ATTN. SKIN/FROSTBITE. FLUSH WITH LUKEWARM WATER (NOT HOT WATER). GET MED ATTN FOR BURN
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Extinguishing Media:NONFLAMMBLE, INERT GAS.
========= Accidental Release Measures ===========
Spill Release Procedures:EVACUATE ALL PERSONNEL FROM AFFECTED AREA.USE APPROPRIATE PROTECTIVE EQUIPMENT.VENTILATE AREA.PERSONNEL SHOULD AVOID CONTACT WITH VERY COLD MATERIALS OR EXCESSIVE INHALATION OF GAS.
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Handling and Storage Precautions:USE ONLY IN WELL VENTILATED
Harranny and Civiago i robadiono. OOL ONLI IIN WELL VENTILATED

Ingred Name:NITROGEN

Handling and Storage Precautions: USE ONLY IN WELL VENTILATED AREAS. CYLINDERS MUST "A

Eye Protection: SAFETY GOGGLES OR GLASSES PLUS FACESHLD

Other Protective Equipment:SAFETY SHOES Work Hygienic Practices:STANDARD PRACTICE.

Supplemental Safety and Health

DO NOT STORE VESSELS IN SUB-SURFACE OR CLOSED (POORLY VENTIL ATED)

AREAS. NITROGEN GAS CAUSE SUFFOCATION WITHOUT WARNING. LIQUID NITROGEN VESSELS SHOULD NOT BE REFILLED EXCEPT BY QUALIFIED PRODUCERS OF THESE PRODUCTS.

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

HCC:G3

Boiling Pt:B.P. Text:-320F,-196C

Melt/Freeze Pt:M.P/F.P Text:-346F,-210C

Vapor Density:0.967 Spec Gravity:0.81

Solubility in Water: NEGLIGIBLE

Appearance and Odor: COLORLESS, ODORLESS LIQUID

Percent Volatiles by Volume:100

Stability Indicator/Materials to Avoid:YES

NONE

Hazardous Decomposition Products:NONE

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

Waste Disposal Methods:DO NOT ATTEMPT TO DISPOSE OF RESIDUAL OR UNUSED QUANTITIES.RETURN TO AIRCO FOR PROPER DISPOSAL.

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