

UNION CARBIDE CORP INDUSTRIAL CHEMICALS DIV -- NITROGEN -- 4210-01-250-6424

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Product Identification
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Product ID:NITROGEN

MSDS Date:05/01/1983

FSC:4210

NIIN:01-250-6424

MSDS Number: BXWFS

=== Responsible Party ===

Company Name:UNION CARBIDE CORP INDUSTRIAL CHEMICALS DIV

Address:39 OLD RIDGEBURY ROAD

City:DANBURY

State:CT

ZIP:06817-0001

Country:US

Info Phone Num:800-822-4357

Emergency Pho

ne Num:800-822-4357

CAGE:61637

=== Contractor Identification ===

Company Name:KEYSTONE FIRE PROTECTION CO.

Address:108 PARK DRIVE, SUITE 3

Box:City:MONTGOMERYVILLE

State:PA

ZIP:18936

Country:US

Phone:215-641-0100/ FAX 215-641-9638

CAGE:1U693

Company Name:UNION CARBIDE CORP

Address:39 OLD RIDGEBURY ROAD

Box:City:DANBURY

State:CT

ZIP:06817-0001

Country:US

Phone:800-822-4357/732-563-5522 (MSDS)

CAGE:61637

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Composition/Information on Ingredients
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Ingred Name:NITROGEN

CA

S:7727-37-9

RTECS #:QW9700000

Fraction by Wt: 100%

Other REC Limits:NONE SPECIFIED

ACGIH TLV:ASPHYXIAN; 9495

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

LD50 LC50 Mixture:PRODUCT'S LD50 (ORAL RAT) WAS NOT STATED

Routes of Entry: Inhalation:YES Skin:YES Ingestion:NO

Reports of Carcinogenicity:NTP:NO IARC:NO OSHA:NO

Health Hazards Acute and Chronic:NITROGEN ACTS AS AN ASPHYXIAN BY
DISPLACING OXYGEN & MAY CAUSE ATMOSPHERES DEFICIENT IN OXYGEN IN
CLOSED SPA

ES & WHEN VENTILATION IS DEFICIENT.

Explanation of Carcinogenicity:MANUFACTURER GAVE NO INFORMATION ABOUT
CARCINOGENICITY. HMIS FOUND NO LISTING & DOES NOT EXPECT IT TO BE
CARCINOGENIC.

Effects of Overexposure:HEADACHE, BREATHING & PULSE RATES INCREASED,
DIFFICULT BREATHING, PERSPIRATION, DIZZINESS, RINGING IN EARS, LIPS
BLUE, TREMORS & WEAKNESS, FATIGUE UPON EXERTION, DROWSINESS, NAUSEA
& VOMITING, UNCONSCIOUSNESS.

Medical Cond Aggravated by Exposure:MFR GAVE NO INFORMATION
ON MSDS.

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===== First Aid Measures =====

First Aid:REMOVE FROM OXYGEN DEFICIENT ATMOSPHERE. IF BREATHING IS
DIFFICULT, ADMINISTER OXYGEN. IF NOT BREATHING ADMINISTER
ARTIFICIAL RESPIRATION, PREFERRATLY W/SIMULTANEOUS ADMINISTRATION
OF OXYGEN. CALL A PHYSICIAN. KEEP UNDER MEDICAL OBSERVATION FOR 24
HOURS IF RENDERED UNCONSCIOUS DUE TO OXYGEN DEFICIENCY.

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

Extinguishing Media:NITROGEN CANNOT CATCH FIRE. USE MEDIA APPROPRIATE
FOR SURROUNDING FIRE.

Fire Fighting Procedures:EVACUATE PERSONNEL FROM DANGER AREA. DELUGE
CONTAINERS W/WATER SPRAY FROM MAX DISTANCE UNTIL COOL, THEN MOVE
THEM FROM FIRE AREA IF W/O RISK.

Unusual Fire/Explosion Hazard:CANNOT CATCH FIRE CONTAINER MAY RUPTURE
DUE TO HEAT OF FIRE. DO NOT SUBJECT CONTAINER TO >52C (125F). MOST
CONTAINERS ARE DESIGNED TO VENT CONTENTS W/HEAT.

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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 LEAK IF W/O RISK. VENTILATE AREA OF LEAK OR MOVE LEAKING CONTAINER TO WELL VENTILATED AREA. TEST AREA FOR SUFFICIENT OXYGEN PRIOR TO RE-ENTRY.

Neutralizing Agent:MFR GAVE NO INFORMATION ON MSDS.

===== Handling and Storage =====

Handling and Storage Precautions:MFR GAVE NO INFORMATION ON MSDS.

Other

Precautions:MFR GAVE NO INFORMATION ON MSDS.

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

Respiratory Protection:SELF-CONTAINED BREATHING APPARATUS WHERE NEEDED.

Ventilation:LOCAL EXHAUST PREFERRED. GENERAL MECHANICAL VENTILATION IS ACCEPTABLE.

Protective Gloves:PREFERRED FOR HANDLING CYLINDERS.

Eye Protection:SAFETY GLASSES

Other Protective Equipment:METATARSAL SHOES FOR CYLINDER HANDLING.

Work Hygienic Practices:MFR:? HMIS:USE GOOD INDUSTRIAL HYGIENE PRACTICES

. MINIMIZE CONTACT & WASH THOROUGHLY AFTER HANDLING.

Supplemental Safety and Health

NONE

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

HCC:G3

NRC/State Lic Num:NONE

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

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

Vapor Pres:GAS

Vapor Density:0.97

Spec Gravity:GAS

Solubility in Water:NEGLIGIBLE

Appearance and Odor:COLORLESS,ODORLESS

Percent Volatiles by Volume:100

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

Stability Indi

cator/Materials to Avoid: YES

NONE CURRENTLY KNOWN

Stability Condition to Avoid: MFR GAVE NO INFORMATION ON MSDS.

Hazardous Decomposition Products: NONE

Conditions to Avoid Polymerization: WILL NOT OCCUR. NONE CURRENTLY KNOWN.

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

Waste Disposal Methods: SLOWLY RELEASE INTO ATMOSPHERE. DISCARD ANY PRODUCT, RESIDUE, DISPOSABLE CONTAINER OR LINER IN AN ENVIRONMENTALLY ACCEPTABLE MANNER I/A/W FEDERAL, STATE & LOCAL REGULATIONS.

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