

UNION CARBIDE CHEMICALS AND PLASTICS CO INC -- NITROGEN -- 4210-01-287-4181

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Product Identification  
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Product ID:NITROGEN  
MSDS Date:08/01/1985  
FSC:4210  
NIIN:01-287-4181  
Kit Part:Y  
MSDS Number: CCMTR  
=== Responsible Party ===  
Company Name:UNION CARBIDE CHEMICALS AND PLASTICS CO INC  
Address:39 OLD RIDGEBURY RD  
City:DANBURY  
State:CT  
ZIP:06817-0001  
Country:US  
Info Phone Num:304-744-3487  
Em  
ergency Phone Num:304-744-3487  
CAGE:0TAZ2  
=== Contractor Identification ===  
Company Name:ALL-SAFE INC  
Address:4767 LANGTON RD  
Box:116  
City:HILLIARD  
State:OH  
ZIP:43026  
Country:US  
Phone:614-876-4041  
CAGE:2X264  
Company Name:UNION CARBIDE CORPORATION  
Address:39 OLD RIDGEBURY RD  
Box:City:DANBURY  
State:CT  
ZIP:06817-0001  
Country:US  
Phone:1-800-568-4000 / 732-563-5522  
CAGE:0TAZ2

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Composition/Information on Ingredients  
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Ingred Name:NITROGEN  
CAS:7727-37-9  
RTECS #:QW9700000  
Fr

action by Wt: 100%  
Other REC Limits:NONE RECOMMENDED  
ACGIH TLV:ASPHYXIAN; 9596

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

LD50 LC50 Mixture:CLASSIFIED AS SIMPLE ASPHYXIAN  
Routes of Entry: Inhalation:YES Skin:YES Ingestion:NO  
Reports of Carcinogenicity:NTP:NO IARC:NO OSHA:NO  
Health Hazards Acute and Chronic:INGEST:UNLIKELY ROUTE OF EXPOSURE;THIS IS A GAS.SKIN:LIQUID MAY CAUSE FROSTBITE.EYES:NO HARMFUL EFFECT EXPECTED.INHAL:ASPHYXIAN.  
Explanation of Carcinogenicity:THERE ARE NO INGREDIENTS ABOVE 0.1% WHICH ARE IDENTIFIED AS CARCINOGENS BY NTP,IARC OR OSHA.  
Effects of Overexposure:SKIN:LIQUID MAY CAUSE FROSTBITE.INHAL:DROWSINESS,DIZZINESS,EXCITATION,EXCESS SALIVATION,VOMITING,UNCONSCIOUSNESS.  
Medical Cond Aggravated by Exposure:UNLIKELY TO AGGRIVATE EXISTING MEDICAL CONDITIONS UNDER NORMAL CONDITIONS OF USE.

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

First Aid:EYES:FLUSH WITH WATER.CONSULT AN OPTHAMOLOGIST.SKIN:TREAT FOR FROSTBITE WITH WATER NO WARMER THAN 105F.CALL PHYSICIAN FOR MASSIVE EXPOSURE.INHAL:REMOVE TO FRESH AIR.GIVE OXYGEN OR ARTIFICIAL RESPIRATION IF NEEDED.CALL PHYSICIAN.INGEST:UNLIKELY ROUTE OF EXPOSURE.

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

Flash Point:NONE  
Extinguishing Media:\*\*NON-FLAMMABLE\*\* USE MEDIA APPROPRIATE FOR SURROUNDING FIRE.  
Fire Fighting Procedures:USE A SELF-CONTAINED BREATHING APPARATUS AND FULL PROTECTIVE EQUIPMENT.COOL FIRE EXPOSED CONTAINERS WITH WATER FOG.  
Unusual Fire/Explosion Hazard:CONTAINERS MAY BURST AT ELEVATED TEMPERATURES.

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

Spill Release Procedures:EVACUATE AREA.USE SCBA WHERE NEEDED.VENTILATE AREA.TEST FOR ADEQUATE OXYGEN LEVELS BEFORE REENTERING AREA.  
Neutralizing Agent:NOT APPLICABLE.

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

Handling and Storage Precautions:STORE IN A COOL

L, DRY, WELL-VENTILATED

PLACE. KEEP CONTAINER CLOSED WHEN NOT IN USE.

Other Precautions: FOLLOW LABEL DIRECTIONS.

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

Respiratory Protection: WHERE ENVIRONMENTAL CONTROLS ARE LACKING OR IN ENCLOSED SPACES USE A SELF-CONTAINED BREATHING APPARATUS.

Ventilation: LOCAL VENTILATION AT THE WORKSITE; MECHANICAL (GENERAL) VENTILATION TO MAINTAIN TLV/PEL.

Protective Gloves: COTTON FOR HANDLING CYLINDERS.

Eye Protection: SAFETY GLASSES

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her Protective Equipment: NONE

Work Hygienic Practices: USE REASONABLE CARE IN HANDLING THIS PRODUCT.

Supplemental Safety and Health

KEY1; G3. REFER TO SAME NSN WITH CAGE 21481 AND PNIND B. THIS ITEM IS A DRY CHEMICAL FIRE EXTINGUISHER MADE BY WALTER KIDDE, MODEL 486573. EXTINGUISHER IS PRESSURIZED TO 360 PSI; INTERNAL VOLUME OF EXTINGUISHER IS 750 IN\*3 (RE: KEVIN RICHARDS, 508-881-2000).

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

HCC: G3

Boiling Pt: B.P. Text: -319F, -19

5C

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

Vapor Pres: SUPPL

Vapor Density: 0.967

Solubility in Water: NEGLIGIBLE

Appearance and Odor: COLORLESS, ODORLESS GAS.

Percent Volatiles by Volume: 100

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

Stability Indicator/Materials to Avoid: YES

LITHIUM, NEODYMIUM, TITANIUM, OZONE.

Stability Condition to Avoid: TEMPERATURE ABOVE 52C/125F.

Hazardous Decomposition Products: MANUFACTURER STATES NONE.

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===== Disposal Considerations ==

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Waste Disposal Methods:DISPOSE OF IN ACCORDANCE WITH FEDERAL,STATE AND LOCAL REGULATIONS.

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