

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

Emer

gency 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

Frac

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

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Hazards Identification  
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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.

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First Aid Measures  
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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.

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Fire Fighting Measures  
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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.

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

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Handling and Storage  
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Handling and Storage Precautions:STORE IN A COOL,

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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r 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 360PSI;INTERNAL VOLUME OF EXTINGUISHER IS 750IN\*3(RE:KEVIN RICHARDS,508-881-2000).

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

HCC:G3

Boiling Pt:B.P. Text:-319F,-195C

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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