

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

===== Product Identification =====

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

Emerg

ency 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

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

Ingred Name:NITROGEN

CAS:7727-37-9

RTECS #:QW9700000

Fract

ion 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 OPHTHAMOLOGIS
T.SKIN:TREAT FOR
FROSTBITE WITH WATER NO WARMER THAN 105F.CALL PHYSICIAN FOR MASSIVE
EXPOSURE.INHAL:REMOVE TO FRESH AIR.GIVE OXYGEN OR ARTIFICIAL
RESPIRATI ON 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 E
QUIPMENT.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,D

RY,WELL-VENTILATED

PLACE.KEEP CONTAINER CLOSED WHEN NOT IN USE.

Other Precautions:FOLLOW LABEL DIRECTIONS.

===== 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

Other

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).

===== 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

===== 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.

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

=====

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

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.