

KIDDE INC WALTER KIDDE DIV AEROSPACE OPNS -- NITROGEN -- 1680-00-831-1629

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

Product ID:NITROGEN

MSDS Date:05/20/1986

FSC:1680

NIIN:00-831-1629

Kit Part:Y

MSDS Number: CCCCCD

=== Responsible Party ===

Company Name:KIDDE INC WALTER KIDDE DIV AEROSPACE OPNS

Address:2500 AIRPORT DRIVE

City:WILSON

State:NC

ZIP:27893-9604

Country:US

Info Phone Num:307-744-5487

Emergency P

hone Num:919-237-7004

CAGE:61423

=== Contractor Identification ===

Company Name:KIDDE INC WALTER KIDDE DIV AEROSPACE OPNS

Address:2500 AIRPORT DRIVE

Box:City:WILSON

State:NC

ZIP:27893-9604

Country:US

Phone:252-237-7004

CAGE:61423

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

Ingred Name:NITROGEN

CAS:7727-37-9

RTECS #:QW9700000

Fraction by Wt: 100%

Other REC Limits:NONE RECOMMENDED

ACGIH TLV:ASPHYXIAN; 9596

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

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LD50 LC50 Mixture:LD50 ORAL RAT IS NOT APPLICABLE.
Routes of Entry: Inhalation:YES Skin:NO Ingestion:NO
Reports of Carcinogenicity:NTP:NO IARC:NO OSHA:NO
Health Hazards Acute and Chronic:NITROGEN IS A SIMPLE ASPHYXIAN.
NITROGEN UNDER HIGH PRESSURE CAN PRODUCE NARCOSIS.LIQUID MAY CAUSE
FROSTBITE.
Explanation of Carcinogenicity:NONE OF THE CHEMICALS IN THIS PRODUCT IS
LISTED BY IARC, NTP OR OSHA AS A CARCINOGEN.
Effects of Overexposure:INHALATION:
HEADACHE,DROWSINESS,D
IZZINESS,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:SKIN:REMOVE CONTAMINATED CLOTHING;WASH WITH WATER NO HOTTER
THAN 105F.FOR MASSIVE EXPOSURE,TAKE A WARM SHOWER..EYES:FLUSH WITH
WATER FOR 15 MINUTES.INHAL:REMOVE TO FRESH AIR.GIVE OXYGEN OR
ARTIFICIAL RESPIRATION IF NE
EDED.INGEST:UNLIKELY ROUTE OF
EXPOSURE.THIS ITEM IS A GAS.

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

Extinguishing Media:NON-FLAMMABLE. USE EXTINGUISHING MEDIA APPROPRIATE
FOR SURROUNDING FIRE.
Fire Fighting Procedures:EVACUATE PERSONNEL. IMMEDIATELY DELUGE
CONTAINERS WITH WATER SPRAY FROM MAXIMUM DISTANCE UNTIL COOL, THEN
MOVE CONTAINERS AWAY FROM FIRE AREA IF WITHOUT RISK.
Unusual Fire/Explosion Hazard:CONTAINER MAY RUPTURE DUE TO HEAT OF
FIRE. M
OST CONTAINERS ARE DESIGNED TO VENT CONTENTS WHEN THEY ARE
EXPOSED TO ELEVATED TEMPERATURES.

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

Spill Release Procedures:EVACUATE PERSONNEL. USE SELF-CONTAINED
BREATHING APPARATUS WHERE NEEDED. SHUT OFF LEAK IF WITHOUT RISK.
VENTILATE OR MOVE LEAKING CONTAINER TO WELL-VENTILATED AREA. TEST
AREA, ESPECIALLY CONFINED AREA S, FOR OXYGEN CONTENT PRIOR TO
PERMITTING REENTRY.

===== Handling and Sto

rage =====

Handling and Storage Precautions:USE ONLY IN WELL VENTILATED AREAS.
CONTAINS NITROGEN AT EXTREMELY HIGH PRESSURE. CLOSE VALVE WHEN NOT
IN USE AND WHEN EMPTY.
Other Precautions:NEVER MIX GASES;AN UNEXPECTED REACTION MAY OCCUR.DO
NOT ATTEMPT WORK ON A PRESSURIZED SYSTEM.IF THERE IS A LEAK,CLOSE
THE CYLINDER VALVE;BLOW DOWN THE SYSTEM BY VENTING TO A SAFE
PLACE,THEN REPAIR THE LEAK.

===== Exposure Controls/Personal Protection =====
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Respiratory Protection:USE SCBA IN OXYGEN-DEFICIENT ATMOSPHERES.
CAUTION! RESPIRATORS WILL NOT FUNCTION. USE MAY RESULT IN
ASPHYXIATION.
Ventilation:MECHANICAL (GENERAL) VENTILATION AND/OR LOCAL EXHAUST AS
NECESSARY.
Protective Gloves:LEATHER WORK GLOVES.
Eye Protection:SAFETY GLASSES.
Other Protective Equipment:OXYGEN MONITORING EQUIPMENT TO TEST FOR
OXYGEN DEFICIENT ATMOSPHERES. METATORSAL SHOES FOR CYLINDER
HANDLING.
Work Hygienic Practices:GOOD HYGENIC PRACTICES.
Supp
lmental Safety and Health
KEY1;G3.THIS RECORD GOES WITH PNIND-B UNDER THIS NSN/CAGE.

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

HCC:G3
Boiling Pt:B.P. Text:-319F,-195C
Melt/Freeze Pt:M.P/F.P Text:-346F,-210C
Vapor Pres:GAS
Vapor Density:0.967
Spec Gravity:1.2506
Solubility in Water:SLIGHT
Appearance and Odor:COLORLESS, ODORLESS GAS.

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

Stability Indicator/Materials to Avoid:YES
UNDER CERTAIN CONDITION

S NITROGEN CAN REACT VIOLENTLY WITH LITHIUM,
NEODYMIUM, TITANIUM, OZONE.

Stability Condition to Avoid:HIGH HEAT ABOVE 125F

Hazardous Decomposition Products:MANUFACTURER STATES NONE.

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

Waste Disposal Methods:VENT NITROGEN GAS SLOWLY TO A WELL VENTILATED
OUTODOOR LOCATION REMOTE FROM WORK AREAS. DISCARD ANY PRODUCT,
RESIDUE, DISPOSABLE CONTAINER IN FULL COMPLIANCE WITH FEDERAL,
STATE AND LOCAL REGULATIONS.

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