

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

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Product Identification  
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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

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

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 NEEDED.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

lemental 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  
OUTDOOR LOCATION REMOTE FROM WORK AREAS. DISCARD ANY PRODUCT,  
RESIDUE, DISPOSABLE CONTAINER IN FULL COMPLIANCE WITH FEDERAL,  
STATE AND LOCAL REGULATIONS.

Discla

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