

KIDDE INC WALTER KIDDE DIV AEROSPACE OPNS -- NITROGEN A800500-10 -- 4920-00-870-0582  
===== Product Identification =====

Product ID:NITROGEN A800500-10

MSDS Date:05/20/1986

FSC:4920

NIIN:00-870-0582

MSDS Number: BJDTH

=== 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 Phone 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%

ACGIH TLV:ASPHYXIAN; 9192

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

LD50 LC50 Mixtur

e:NONE SPECIFIED BY MANUFACTURER.  
Routes of Entry: Inhalation:YES Skin:NO Ingestion:NO  
Reports of Carcinogenicity:NTP:NO IARC:NO OSHA:NO  
Health Hazards Acute and Chronic:CHRONIC:N/A.

INHALE:HEADACHE,DROWSINESS,DIZZINESS,EXCITATION, EXCESS SALIVATION,  
VOMITING AND UNCONSCIOUSNESS. LIQUID CONTACT MAY CAUSE FROSTBITE.

Explanation of Carcinogenicity:NOT RELEVANT

Effects of Overexposure:SEE HEALTH HAZARDS

Medical Cond Aggravated by Exposure:THE TOXICOLOGY, PHYSICAL AND  
CHEMICAL PROPE

RTIES OF THE MATERIAL DO NOT SUGGEST THAT  
OVEREXPOSURE IS LIKELY TO AGGRAVATE EXISTING MEDICAL CONDITIONS.

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

First Aid:REMOVE TO FRESH AIR,GET MD. GIVE ART. RESP. IF NECESSARY OR  
OXYGEN. FLUSH EYES W/WATER AT LEAST 15 MIN. FOR EXPOSURE TO LIQUID,  
WARM FROSTBITE AREA WITH WATER (NOT TO EXCEED 105F). IN CASE OF  
MASSIVE EXPOSURE, REMOVE CLOTHES AND SHOWER W/WARM WATER. NOTE:  
THERE IS NO SPECIFIC ANTIDOTE. DIR.  
TREATMENT AT CNTRL OF SYMPTOM.

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

Extinguishing Media:NITROGEN CANNOT CATCH FIRE

Fire Fighting Procedures:USE MEDIA APPROPRIATE FOR SURROUNDING  
FIRE.EVACUATE PERSONNEL FROM DANGER AREA.DELUGE CONTAINER W/WATER  
SPRAY FROM MAX.DISTANCE TIL COOL.MOVE CONTAINERS AWAY.

Unusual Fire/Explosion Hazard:GAS CANNOT CATCH FIRE.CONT.MAY RUPTURE  
DUE TO HEAT OR FIRE.NO PART OF A CONT.SHOULD BE >52C.MOST  
CONTAINERS WILL VENT CON  
TENTS WHEN EXPOSED TO HIGH TEMPS.

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

Spill Release Procedures:EVACUATE PERSONNEL. USE SCBA WHERE NEEDED.  
VENTILATE AREA WHERE LEAK OCCURED. TEST AREA FOR SUFFICIENT OXYGEN  
PRIOR TO PERMITTING RE-ENTRY OF PERSONNEL.

Neutralizing Agent:NONE SPECIFIED BY MANUFACTURER.

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

Handling and Storage Precautions:STORE & USE W/ADEQUATE VENTILATIONS.  
MIXING TWO OR M

ORE GASES OR LIQUIDIFIED GASES MAY COMBINE TO CREATE  
UNEXPECTED HAZARD.OBTAIN SAFETY INFORMATION.

Other Precautions:NEVER 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 =====

Respiratory Protection:PER OSHA 29 CFR 1910.134 - ACCEPTABLE TO MSHA  
AND NIOSH

Ventilation:LOCAL EXHAUST PREFERRED, MECHANICAL ACCEPTABLE

Protectiv

e Gloves:USE FOR HANDLING CYLINDERS & 1910.132.

Eye Protection:I/A/W OSHA CFR 1910.133

Other Protective Equipment:METATORSAL SHOES FOR CYLINDER HANDLING, IAW  
OSHA 29 CFR 1910.132

Work Hygienic Practices:GOOD HYGIENE PRACTICE AS WITH ANY INDUSTRIAL  
CHEMICAL

Supplemental Safety and Health

THIS IS PART "B" OF A TWO PART PRODUCT, WHICH IS NOT A KIT.

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

Boiling Pt:B.P. Text:-320F,-195C

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

Vapor Pres:@ 20C GAS

Vapor Density:0.967

Spec Gravity:1.2506G/L @ 0C

Solubility in Water:SLIGHT

Appearance and Odor:COLORLESS,ODORLESS GAS AT AMBIENT TEMP AND PRESSURE

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

Stability Indicator/Materials to Avoid:YES

UNDER CERTAIN CONDITIONS NITROGEN CAN REACT VIOLENTLY  
W/LITHIUM,NEODYMIUM,TITANIUM OR OZONE.

Stability Condition to Avoid:CAUTION HIGH PRESSURE GAS

Hazardous Decomposition Products:NONE SPECIFIED BY MANUFACTURER.

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

Waste Disposal Methods: SLOWLY RELEASE INTO ATMOSPHERE. DISCARD ANY PRODUCT, RESIDUE DISPOSABLE CONTAINERS OR LINER IN AN ENVIRONMENTALLY ACCEPTABLE MANNER I/A/W FED, STATE AND LOCAL REGULATIONS.

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