View NSN Online: https://aerobasegroup.es/nsn/4920-00-870-0582

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:ASPHYXIANT; 9192

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

LD50 LC50 Mixtur

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

e:NONE SPECIFIED BY MANUFACTURER.

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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