

KIDDE INC WALTER KIDDE DIV -- EXTINGUISHER,FIRE,898153 -- 4210-01-275-9782

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Product Identification  
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Product ID:EXTINGUISHER,FIRE,898153

MSDS Date:05/20/1986

FSC:4210

NIIN:01-275-9782

MSDS Number: BPZLT

=== Responsible Party ===

Company Name:KIDDE INC WALTER KIDDE DIV

Address:WALTER KIDDE DR

Box:1147

City:WAKE FOREST

State:NC

ZIP:27587

Country:US

Info Phone Num:919-237-7004

Emergency Pho

ne Num:919-237-7004

CAGE:33525

=== Contractor Identification ===

Company Name:KIDDE INC WALTER KIDDE DIV

Address:WALTER KIDDE DR

Box:1147

City:WAKE FOREST

State:NC

ZIP:27587

Country:US

Phone:919-556-6811

CAGE:33525

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Composition/Information on Ingredients  
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Ingred Name:TRIFLUOROBROMOMETHANE (HALON 1301) (SARA III)

CAS:75-63-8

RTECS #:PA5425000

Other REC Limits:NONE RECOMMENDED

OSHA PEL:1000 PPM

ACGIH TLV:1000 PPM

Ozone Depleting Chemical:1

Ingred Name:NITROGEN

CAS:

7727-37-9

RTECS #:QW9700000

Other REC Limits:NONE RECOMMENDED

ACGIH TLV:ASPHYXIAN

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

LD50 LC50 Mixture:NOT KNOWN

Routes of Entry: Inhalation:YES Skin:NO Ingestion:NO

Reports of Carcinogenicity:NTP:NO IARC:NO OSHA:NO

Health Hazards Acute and Chronic:LIQUID CONTACT MAY CAUSE FROSTBITE.

Explanation of Carcinogenicity:NONE

Effects of Overexposure:INHALATION OF MODERATE CONCENTRATIONS OF  
NITROGEN MAY CAUSE HEADACHE,DROWSINE

SS, DIZZINESS, EXCITATION, EXCESS

SALIVATION, VOMITING AND UNCONSCIOUSNESS. OVEREXPOSURE OF CBRF\*3 MAY  
CAUSE LIGHT HEADEDNESS, GI DDINESS, DIZZINESS, SHORTNESS OF BREATH. AT  
CONC OF 10% BY VOL & HIGHER MAY CAUSE POSSIBLE NARCOSIS & CARDIAC  
ARRHYTHMIAS.

Medical Cond Aggravated by Exposure:THE TOXICOLOGY, PHYSICAL AND

CHEMICAL PROPERTIES OF NITROGEN DO NOT SUGGEST THAT OVEREXPOSURE IS  
LIKELY TO AGGRAVATE EXISTING MEDICAL CONDITIONS.

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

First Aid:EYES:FLUSH EYES W/ WATER FOR AT LEAST 15 MIN. SKIN:FOR EXPOS  
TO LIQ,WARM FROST BITE AREA W/ WATER (52C.CONTRS WILL VENT CONTENTS WHEN  
EXPOSED (SEE SUPP)

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

Spill Release Procedures:EVACUATE PERSONNEL FROM DANGER AREA.USE  
SELF-CONTAINED BREATHING APPARATUS WHERE NEEDED (IN OXYGEN  
DEFICIENT ATMOSPHERES). VENTILATE AREA WHERE LEAK OCCURRED. TEST AREA  
FOR SUFFICIENT OXYGEN PRIOR TO PE RMITT

ING RE-ENTRY OF

PERSONNEL.REMOVE OPEN FLAMES.

Neutralizing Agent:NOT KNOWN

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

Handling and Storage Precautions:STORE IN CLEAN, DRY AREA & USE WITH  
ADEQUATE VENTILATION. MIXING TWO OR MORE GASES OR LIQUIFIED GASES  
MAY COMBINE TO CREATE UNEXPECTED HAZARDS.

Other Precautions:OBTAIN SAFETY INFO FOR EACH GAS BEFORE MIXING. NEVER  
WORK ON A PRESSURIZED SYSTEM. IF THERE IS A LEAK, CLOSE CYCLINDER  
VALVE, BLOW DOWN THE SYSTEM

BY VENTING TO A SAFE PLACE, THEN REPAIR  
THE LEAK. CBRF\*3: DO NOT HEAT ABOVE 125F. AVOID CONTR DAMAGE.

===== Exposure Controls/Personal Protection =====

Respiratory Protection: CBRF\*3: USE A FULL FACE PIECE SUPPLIED AIR  
RESPIRATOR OR SELF-CONTAINED BREATHING APPARATUS FOR CONC GREATER  
THAN TLV.

Ventilation: N\*2: LOCAL EXHAUST PREFERRED. MECHANICAL (GENERAL)  
ACCEPTABLE. CBRF\*3: VENTILATE-SUMPS & PITS WHERE VAPORS MAY COLLECT.

Protective Gloves: PREFERRED FOR HANDLING CYLINDERS.

Eye Protection: CHEMICAL WORKER GOGGLES FOR CBRF\*3.

Other Protective Equipment: METATORSAL SHOES FOR CYCLINDER  
HANDLING. SAFETY SHOWER & EYE WASH STATION NEAR WORK AREA.

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

Supplemental Safety and Health

VP: 12152 MMHG (CBRF\*3). VAPOR DENSITY: 8.71 AT B.P. (CBRF\*3). FIRE FIGHT  
PROC: COOL, THEN MOVE CONTAINERS AWAY FROM FIRE AREA IF WITHOUT  
RISK. EXPLO HAZ: TO ELEVATED TEMPERATURES.

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

HCC: G3

Boiling Pt: B.P. Text: -72F, CBRF\*3

Melt/Freeze Pt: M.P/F.P Text: NOT KNOWN

Decomp Temp: Decomp Text: NOT KNOWN

Vapor Pres: SEE SUPP

Vapor Density: SEE SUPP

Spec Gravity: 1.538, CBRF\*3

Evaporation Rate & Reference: NOT KNOWN

Solubility in Water: 0.03% (CBRF\*3)

Appearance and Odor: N\*2: COLORLESS, ODORLESS GAS. CBRF\*3: COLORLESS GAS &  
LIQ W/ SLIGHT ETHERAL ODOR.

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

Stability Indicator/Materia

Is to Avoid: YES

UNDER CERTAIN CONDITN N\*2 CAN REACT VIOLENTLY W/  
LITHIUM, NEODYMIUM, TITANIUM OR O\*3. CBRF\*3: ALKALI & ALKALINE EARTH  
METALS.

Stability Condition to Avoid: AVOID CONTACT WITH OPEN FLAMES OR TEMP  
ABOVE 1000F.

Hazardous Decomposition Products: HYDROGEN FLUORIDES, HYDROGEN  
BROMIDES, FREE BROMINE & CARBONYL HALIDE.

Conditions to Avoid Polymerization: WILL NOT OCCUR

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

Waste Disposal Methods: DISP MUST BE IAW FEDE  
RAL, STATE, AND LOCAL

REGS. COORDINATE W/ SUPPORTING INSTALLATION AND/OR MACOM ENVIRON  
OFFICE PRIOR TO DISP. SLOWLY RELEASE TO ATMOS. DISCARD ANY  
PRODUCT, RESIDUE DISP CONTR OR L INER IN AN ENVIRONMENTALLY  
ACCEPTABLE MANNER.

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