

KIDDE INC WALTER KIDDE DIV AEROSPACE OPNS -- BROMOTRIFLUOROMETHANE (HALON 1301)  
-- 1680-00-831-1629

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

Product ID:BROMOTRIFLUOROMETHANE (HALON 1301)

MSDS Date:04/08/1986

FSC:1680

NIIN:00-831-1629

Kit Part:Y

MSDS Number: CCCCCF

=== Responsible Party ===

Company Name:KIDDE INC WALTER KIDDE DIV AEROSPACE OPNS

Address:2500 AIRPORT DRIVE

City:WILSON

State:NC

ZIP:27893-960

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Country:US

Info Phone Num:919-237-7004

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:BROMOTRIFLUOROMETHANE

CAS:75-63-8

Fraction by Wt: >99%

Other REC Limits:NONE RECOMMENDED

Ozone Depleting Chemical:1

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==== Hazards Identification =====

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:BROMOTRIFLUOROMETHANE IS SLIGHTLY TOXIC BY INHALATION.AT XONCENTRATIONS OF 10% OR HIGHER,MAY CAUSE ARRYTHMIAS OR NARCOSIS.HMIS WARNS THAT THE DECOMPOSITION PRODUCTS ARE QUITE TOXIC.

Explanation of Carcinogenicity:NONE OF THE CHEMICALS IN THIS P RODUCT IS

LISTED BY IARC, NTP OR OSHA AS A CARCINOGEN.

Effects of Overexposure:INHALATION:

DIZZINESS,LIGHTHEADEDNESS,GIDDINESS,SHORTNESS OF BREATH.

Medical Cond Aggravated by Exposure:UNLIKELY TO AGGRIVATE EXISTING MEDICAL CONDITIONS UNDER NORMAL CONDITIONS OF USE.

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

First Aid:SKIN:REMOVE CONTAMINATED CLOTHING;WASH WITH WATER.EYES:FLUSH WITH WATER FOR 15 MINUTES.INHAL:REMOVE TO FRESH AIR.GIVE OXYGEN OR ARTIF

ICIAL RESPIRATION IF NEEDED.INGEST:UNLIKELY TO OCCUR;THIS ITEM IS A GAS.NOTE:DO NOT GIVE EPINEPHRINE OR SIMILAR DRUGS.

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

Flash Point:NONE

Extinguishing Media:NON-FLAMMABLE. HALON 1301 IS A FIRE EXTINGUISHANT.

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 Ha

zard:FIRE CONDITIONS MAY EVOLVE TOXIC FUMES.

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

Spill Release Procedures:VENTILATE AREA,ESPECIALLY LOW AREAS WHEN VAPORS MAY ACCUMULATE.

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

Handling and Storage Precautions:STORE CONTAINERS BELOW 125F IN A CLEAN,DRY AREA.

Other Precautions:NONE SPECIFIED BY MANUFACTURER.

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

Respiratory Prot

ection:WHERE ENVIRONMENTAL CONTROLS ARE LACKING OR IN  
ENCLOSED SPACES USE A SELF-CONTAINED BREATHING APPARATUS.  
Ventilation:MECHANICAL (GENERAL) VENTILATION AND/OR LOCAL EXHAUST AS  
NECESSARY(ESP.LOW AREAS WHERE VAPORS MAY ACCUMULATE).  
Protective Gloves:PVA OR PVC  
Eye Protection:CHEMICAL WORK GOGGLES  
Other Protective Equipment:PROVIDE A LOCAL EYE WASH STATION AND SAFETY  
SHOWER.  
Work Hygienic Practices:GOOD HYGENIC PRACTICES.  
Supplemental Safety and Health  
KEY1;G3.THIS RECORD GOES WITH  
PNIND-A UNDER THIS NSN/CAGE.

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

HCC:G3  
Boiling Pt:B.P. Text:-72F,-58C  
Vapor Pres:12152@-72F  
Vapor Density:8.71  
Spec Gravity:1.538  
Solubility in Water:NEGLIGIBLE  
Appearance and Odor:COLORLESS GAS AND LIQUID,SLIGHTLY ETHEREAL ODOR.

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

Stability Indicator/Materials to Avoid:YES  
ALKALI,ALKALINE EARTH METALS,POWDERED ALUMINUM,ZINC,BERYLLIUM.  
Stability Condition to Av  
oid:HIGH HEAT ABOVE 1000F,SOURCES OF IGNITION.  
Hazardous Decomposition Products:BROMINE,FLUORINE,HALOGEN ACIDS AND  
CARBONYL HALIDES.

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

Waste Disposal Methods:EVAPORATE OUT OF DOORS.

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