KIDDE INC WALTER KIDDE DIV AEROSPACE OPNS -- HALON 1301 -- 8120-01-070-3959
==================== Product Identification ====================

Product ID:HALON 1301
MSDS Date:03/07/1990
FSC:8120
NIIN:01-070-3959
MSDS Number: BRDKK
=== 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:919-237-7004 / FAX 919-237-853
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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:TRIFLUOROBROMOMETHANE (HALON 1301) (SARA III)
CAS:75-63-8
RTECS #:PA5425000
Fraction by Wt: 99.0%
Other REC Limits:NONE RECOMMENDED
OSHA PEL:1000 PPM
ACGIH TLV:1000 PPM; 92

93
Ozone Depleting Chemical:1

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

Routes of Entry: Inhalation:YES Skin:YES Ingestion:NO
Reports of Carcinogenicity:NTP:NO   IARC:NO OSHA:NO
Health Hazards Acute and Chronic:ACUTE: LOW - SLIGHTLY TOXIC. CHRONIC:
    NOT APPLICABLE.
Explanation of Carcinogenicity:THIS COMPOUND CONTAINS NO INGREDIENTS AT
    CONCENTRATIONS OF 0.1% OR GREATER THAT ARE CARCINOGENS OR SUSPECT
    CARCINOGENS.
Effects of Overexposure:OVER EXPOSURE MA
Y CAUSE LIGHT HEADEDNESS,
    GIDDINESS, DIZZINESS, SHORTNESS OF BREATH.
Medical Cond Aggravated by Exposure:AT CONCENTRATIONS OF 10% BY VOLUME
    AND HIGHER MAY CAUSE POSSIBLE NARCOSIS AND CARDIAC ARRHYTHMIAS.

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

First Aid:REMOVE TO FRESH AIR. CALL A PHYSICIAN. DO NOT GIVE
    EPINEPHRINE OR SIMILIAR DRUGS. FLUSH WITH WATER FOR SKIN OR EYE
    CONTACT.

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

Flas
h Point:NONFLAMMABLE
Extinguishing Media:HALON 1301 IS A FIRE EXTINGUISHING MEDIA.
Fire Fighting Procedures:SELF-CONTAINED BREATHING APPARATUS TO PROTECT
    AGAINST VAPORIZED MATERIAL DECOMPOSITION PRODUCTS (BROMINE,
    FLUORINE, HALOGEN ACIDS AND CARBONYL HALIDES).

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

Spill Release Procedures:VENTILATE AREA - ESPECIALLY LOW PLACES WHERE
    HEAVY VAPORS MAY COLLECT. REMOVE OPEN FLAMES.

===================== Handling and Stor
age ======================

Handling and Storage Precautions:STORE CONTAINERS IN A CLEAN, DRY AREA.
    DO NOT HEAT ABOVE 125 DEGREES F.
Other Precautions:AVOID CONTAINER DAMAGE.

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

Respiratory Protection:USE A FULL FACE PIECE SUPPLIED AIR RESPIRATOR OR
    SELF-CONTAINED BREATHING APPARATUS FOR CONCENTRATIONS GREATER THAN
    TLV.
Ventilation:LOCAL-IF TLV IS EXCEEDED. VENTILATE - SUMPS & PITS WHERE
    VAPORS MAY COLLECT.
Prote

ctive Gloves:PVA OR PVC GLOVES.
Eye Protection:CHEMICAL WORKERS GOGGLES.
Other Protective Equipment:SAFETY SHOWER AN EYE WASH STATION NEAR WORK
    AREA.
Work Hygienic Practices:GOOD HYGIENE PRACTICES AS WITH ANY INDUSTRIAL
    CHEMICAL.
Supplemental Safety and Health
NONE

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

HCC:G3
Boiling Pt:B.P. Text:-72F,-58C
Vapor Pres:12,152
Vapor Density:8.71
Spec Gravity:1.538
Solubility in Water:0.03
Appearance and Odor:SLIGHT ETHERAL O
DOR, COLORLESS GAS & LIQUID.

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

Stability Indicator/Materials to Avoid:YES
LIQUID CONTACT WITH ALKALI & ALKALINE EARTH METALS - POWDERED ALUMINUM,
    ZINC, BERYLLIUM, ETC.
Stability Condition to Avoid:AVOID CONTACT WITH OPEN FLAMES OR
    TEMPERATURES ABOVE 1000 DEGREES F.
Hazardous Decomposition Products:HYDROGEN FLUORIDES, HYDROGEN BROMIDES,
    FREE BROMINE AND CARBONYL HALIDES.

=================== Disposal Considerations
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Waste Disposal Methods:EVAPORATE OUTDOORS.

or the suitability of this information to their
 particular situation.