

KIDDE INC WALTER KIDDE DIV AEROSPACE OPNS -- HALON 1301 -- 1680-01-275-9782

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Product Identification
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Product ID:HALON 1301

MSDS Date:03/07/1990

FSC:1680

NIIN:01-275-9782

MSDS Number: BQGTR

=== 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

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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

Fraction by Wt: 99%

Other REC Limits:NONE RECOMMENDED

OSHA PEL:1000 PPM

ACGIH TLV:1000 PPM; 9293

Ozone Depleting Chemical:1

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

LD50 LC50 Mixture:LC50 MOUSE=381MG/M3 CBRF3 (RTECS92-4)

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

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

Health Hazards Acute and Chronic:INHAL:AT CONCENTRATIONS OVER 10% MAY CAUSE NARCOSIS AND ARRHYTHMIA.MANUFACTURER STATES THAT MATERIEL IS SLIGHTLY TOXIC.CONTACT WITH THE LIQUID MAY CAUSE IRRITATION.

Explanation of Carcinogenicity:

NOT LISTED IN THE LITERATURE.

Effects of

Overexposure:INHAL:LIGHTNEADEDNESS,GIDDINESS,DIZZINESS,SHORTNESS OF BREATH.

Medical Cond Aggravated by Exposure:PERSON WITH KNOWN RESPIRATORY OR CARDIAC AILMENTS MAY BE AT INCREASED RISK;MATERIEL CAUSES ARRHYTHMIA.

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

First Aid:INHAL:REMOVE TO FRESH AIR.CALL PHYSICIAN(DO NOT GIVE EPINEPHRINE!).EYES/SKIN:FLUSH WITH WATER.INGEST:UNLIKELY TO OCCUR.

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

Extinguishing Media:THIS IS AN EXTINGUISHING AGENT.USE APPROPRIATE MEDIA FOR FIGHTING SURROUNDING FIRE.

Fire Fighting Procedures:USE A SELF-CONTAINED BREATHING APPARATUS.

Unusual Fire/Explosion Hazard:BROMINE,FLUORINE,HALOGEN ACIDS AND CARBONYL HALIDES BECOME VAPORIZED IN A FIRE.

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

Spill Release Procedures:VENTILATE AREA,ESPECIALLY LOW PLACS WHERE VAPORS MAY COLLECT.REMO

VE OPEN FLAMES.

Neutralizing Agent:NONE.

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

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

Other Precautions:AVOID CONTAINER DAMAGE.

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

Respiratory Protection:USE A FULL FACEPIECE-SUPPLIED AIR RESPIRATOR OR SELF CONTAINED BREATHING APPARATUS WHEN TLV IS EXCEEDED.

Ventilation:USE APPROPRIATE VENTILATION WHEN TLV IS EXCEEDED.VENTILATE

SUMPS AND PITS WHERE VAPORS COLLECT.

Protective Gloves:PVA OR PVC GLOVES.

Eye Protection:CHEMICAL WORKER'S GOGGLES.

Other Protective Equipment:SAFETY SHOWER AND EYE WASH SHOULD BE AVAILABLE.

Work Hygienic Practices:USE PRUDENT HYGENIC AND SANITARY PRACTICES AS WITH ANY INDUSTRIAL CHEMICAL.

Supplemental Safety and Health

KEY 1;G1.FIRE EXTINGUISHER,HALON 1301 PRESSURED WITH NITROGEN(NSN:1680-01-135-0192;CAGE:61423:PNIND:A).

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===== Physical/Chemical Properties =====
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HCC:G1

Boiling Pt:B.P. Text:-72F,-58C

Vapor Pres:12.152MM

Vapor Density:8.71G/L@BP

Spec Gravity:1.538 @77F

Solubility in Water:NEGLIGIBLE

Appearance and Odor:GAS+LIQUID;COLORLESS;ETHEREAL ODOR

Percent Volatiles by Volume:99

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===== Stability and Reactivity Data =====
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Stability Indicator/Materials to Avoid:YES

AVOID CONTACT OF THE LIQUID WITH ALKALI,ALKALINE EARTH MATERIALS(EG.ALUMINUM,ZINC,BERYLLIUM).

Stability Condition to Avoid:OPEN FLAMES,TEMPERATURE >1 000F.

Hazardous Decomposition Products:CHLORINE,FLUORINE,HALOGEN ACIDS,CARBONYL HALIDES.

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===== Disposal Considerations =====
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Waste Disposal Methods:EVAPORATE OUTDOORS.DISPOSE OF IN ACCORDANCE WITH FEDERAL,STATE AND LOCAL REGULATIONS.

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