

GREAT LAKES CHEMICAL -- HALON 1301 -
MONOBROMOTRIFLUOROMETHANE,TECHNICAL
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HALON 1301 - MONOBROMOTRIFLUOROMETHANE,TECHNICAL
MATERIAL SAFETY DATA SHEET

NSN: 6830009659647

Manufacturer's CAGE: 2E394

Part No. Indicator: A

Part Number/Trade Name: HALON 1301

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General Information
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Item Name: MONOBROMOTRIFLUOROMETHANE,TECHNICAL

Company's Name: GREAT LAKES CHEMICAL CORP

Company's Street: HIGHWAY 52 NW

Company's P. O. Box: 2200

Company's City: WEST LAFAYETTE

Company's State: IN

Company's Country: US

Company's Zip Code: 47906

Company's Emerg Ph #: 501-862-5141

Company's Info Ph #: 317-497-6100

Distributor/Vendor # 1: AMERICAN FIRE AND ELECTRIC INDUSTRIES IN

Distributor/Vendor # 1 Cage: 47229

Record No. For Safety Entry: 003

Tot Safety Entries This Stk#: 007

Status: SE

Date MSDS Prepared: 01JUN93

Safety Data Review Date: 03FEB94

Supply Item Manager: CX

MSDS Serial Number: BHVWL

Specification Number: MIL-M-12218

Hazard Characteristic Code: G3

Unit Of Issue: LB

Unit Of Issue Container Qty: 1-CYLINDER

Type Of Container: CYLINDER

Net Unit Weight: UNKNOWN

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Ingredients/Identity Information
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Proprietary: NO

Ingredient: BROMOTRIFLUOROMETHANE (HALON 1301) (SARA III)

Ingredient Sequence Number: 01

Percent: >99.6%

NIOSH (RTECS) Number: PA5425000

CAS Number: 75-63-8

OSHA PEL: 1000 PPM

ACGIH TLV: 1000 PPM; 9394
Other Recommended Limit: NONE SPECIFIED

Physical/Chemical Characteristics

Appearance And Odor: COLORLESS GAS. ODORLESS.

Boiling Point: -72F,-58C

Melting Point: -270F,-168C

Vapor Pressure (MM Hg/70 F): 6200 @ 0 C

Vapor Density (Air=1): 5.1

Specific Gravity: 1.57

Decomposition Temperature: UNKNOWN

Evaporation Rate And Ref: UNKNOWN

Solubility In Water: NEGLIGIBLE

Percent Volatiles By Volume: GAS

Corrosion Rate (IPY): UNKNOWN

Fire and Explosion Hazard Data

Flash Point: NON-FLAMMABLE

Extinguishing Media: HALON 1301 IS A FIRE EXTINGUISHING AGENT. USE MEDIA SUITABLE FOR FLAMMABLE MATERIALS IN THE AREA.

Special Fire Fighting Proc: USE WATER SPRAY TO COOL CYLINDERS INVOLVED IN FIRES. WEAR SELF-CONTAINED BREATHING APPARATUS.

Unusual Fire And Expl Hazrds: WHEN EXPOSED TO TEMPERATURES ABOVE 1000F, HALON 1310 MAY RELEASE TOXIC FUMES OF HYDROGEN FLUORIDE, HYDROGEN BROMIDE, CARBONYL FLUORIDE AND CARBONYL BROMIDE.

Reactivity Data

Stability: YES

Cond To Avoid (Stability): PRODUCT MAY DEGRADE CERTAIN POLYMERIC MATERIALS.

Materials To Avoid: ACTIVE METALS, METAL HYDRIDE FIRES, MATERIAL CONTAINING OWN OXYGEN.PRODUCT WILL NOT EXTINGUISH FIRES OF THESE MATERIALS.

Hazardous Decomp Products: IN PRESENCE OF FLAMES/HOT SURFACES: HYDROGEN FLUORIDE, HYDROGEN BROMIDE, BROMINE, CARBONYL FLUORIDE, CARBONYL BROMIDE.

Hazardous Poly Occur: NO

Conditions To Avoid (Poly): WILL NOT OCCUR.

Health Hazard Data

LD50-LC50 Mixture: ORAL LD50 (RAT) IS UNKNOWN.