

METALCRAFT INC -- HALON 1301 EXTINGUISHING AGENT -- 6830-00-555-8837

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Product Identification
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Product ID:HALON 1301 EXTINGUISHING AGENT

MSDS Date:06/01/1989

FSC:6830

NIIN:00-555-8837

MSDS Number: BJRFF

=== Responsible Party ===

Company Name:METALCRAFT INC

Address:718 DEBELIUS AVE

City:BALTIMORE

State:MD

ZIP:21205-3401

Country:US

Info Phone Num:301-485-0880

Emergency Phone Num:800-457-42

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CAGE:06535

=== Contractor Identification ===

Company Name:METALCRAFT INC

Address:9331 PHILADELPHIA ROAD

Box:City:BALTIMORE

State:MD

ZIP:21237

Country:US

Phone:410-687-5500

CAGE:06535

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

CAS:75-63-8

RTECS #:PA5425000

Fraction by Wt: 100%

OSHA PEL:1000 PPM

ACGIH TLV:1000 PPM; 9192

Ozone Depleting Chemical:1

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Hazards Identification
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LD50 LC50 Mixture:LC50 RAT >800000PPM(V/V)/4HR

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

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

Health Hazards Acute and Chronic:EYE: CONTACT WITH LIQUID CAN CAUSE "FREEZER" BURNS; SKIN: CONTACT WITH LIQUID CAN CAUSE "FROSTBITE"; INGEST: MILDLY TOXIC, AFFECTING THE CENTRAL NERVOUS SYSTEM; INHALE: AT CONCENTRATIONS GREATER THAN 2 0,000 PPM, IRREGUALRITIES IN THE CENTRAL NERVOUS SYSTEM AND CARDIAC MUSCLE ARE EXHIBITED

Explanation of Carcinogenicity:THIS COMPOUND CONTAINS NO INGREDIENTS AT CONCENTRATIONS OF 0.1% OR GREATER THAT ARE CARCINOGENS OR SUSPECT CARCINOGENS.

Effects of Overexposure:EYE/SKIN:CONTACT CAN CAUSE FROSTBITE; INHALATION:SUFFOCATION,LIGHT-HEADEDNESS,GIDDINESS,SHORTNESS OF BREATH.MAY LEAD TO NARCOSIS,CARDIAC IRREGULARITIES,UNCONSCIOUSNESS OR DEATH.

Medical Cond Aggravated by Exposure:NONE NOTED.

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

First

Aid:EYE/SKIN:FLUSH WITH WATER.IN CASE OF FROSTBITE,SEE DOCTOR;INHALATION:REMOVE TO FRESH AIR.GIVE CPR/OXYGEN IF NEEDED.SEE DOCTOR.DO NOT GIVE EPINEPHRINE OR SIMILAR DRUGS.

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

Flash Point:NONE

Lower Limits:NOT GIVEN

Upper Limits:NOT GIVEN

Extinguishing Media:NONFLAMMABLE. USE EXTINGUISHING MEDIA SUITABLE FOR SURROUNDING FIRE.

Fire Fighting Procedures:WEAR SCBA & PROTECTIVE CLOTHING.SPRAY FIRE EXPOSED CONTAINERS WITH WATER.

Unusual Fire/Explosion Hazard:CYLINDERS MAY RUPTURE OR RELEASE DURING FIRE CONDITIONS.

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

Spill Release Procedures:VENTILATE AREA.REMOVE HOT METAL SURFACES OR SOURCE OF NON-EXTINGUISHED FLAMES.

Neutralizing Agent:NONE SPECIFIED BY MANUFACTURER.

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

Handling and Storage Precautions:STORE IN CLEAN,DRY AREA.DO N HEAT ABOVE 125F(57C).

Other Precau

tions:NONE SPECIFIED BY MANUFACTURER.

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

Respiratory Protection:NONE NORMALLY REQUIRED. WEAR SCBA IN CASE OF
LARGE SPILL.

Ventilation:LOCAL EXHAUST.

Protective Gloves:LINED BUTYL GLOVES.

Eye Protection:CHEMICAL SPLASH GOGGLES.

Other Protective Equipment:EYEWASH STATION AND EMERGENCY SHOWER.

Work Hygienic Practices:AVOID LIQUID CONTACT WITH SKIN AND EYES AND
UNNECESSARY BREATHING OF VAPORS.

Supplemental Safety and Health

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REVIOUS STOCK CLASS WAS 4210.

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

HCC:G3

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

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

Vapor Pres:12134

Vapor Density:5.14

Spec Gravity:1.538

Evaporation Rate & Reference:NOT GIVEN

Solubility in Water:NEGLIGIBLE

Appearance and Odor:LIQUIFIED GAS,COLORLESS,SLIGHT ETHERNAL ODOR.

Percent Volatiles by Volume:100

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

Stability Indicator/Mater

ials to Avoid:YES

ALKALI OR ALKALINE EARTH METALS-POWDERED AL,ZN,BE,ETC.

Stability Condition to Avoid:HIGH TEMPERATURES,FLAMES.

Hazardous Decomposition Products:HYDROGEN FLUORIDE,HYDROGEN
BROMIDE,FREE BROMINE-POSSIBLE CARBONYL HALIDES.

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

Waste Disposal Methods:DISPOSE OF IN COMPLIANCE WITH ALL APPLICABLE
FEDERAL,STATE AND LOCAL REGULATIONS.

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