

MILITARY SPECIFICATIONS PROMULGATED BY MILITARY -- MONOBROMOTRIFLUOROMETHANE
(FOR FIRE EXTINGUISHER) -- 6830-00-555-8837

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

Product ID:MONOBROMOTRIFLUOROMETHANE (FOR FIRE EXTINGUISHER)

MSDS Date:06/17/1996

FSC:6830

NIIN:00-555-8837

MSDS Number: BZPHB

=== Responsible Party ===

Company Name:MILITARY SPECIFICATIONS PROMULGATED BY MILITARY

Address:DEPTS/AGENCIES UNDER AUTH OF DEFENSE STD

Box:MANUAL

City:4120 3-M

Country:US

Preparer'

s Name:HMIS-VBA

CAGE:81349

=== Contractor Identification ===

Company Name:MILITARY SPECIFICATIONS PROMULGATED BY MILITARY

Address:DEPTS/AGENCIES UNDER AUTH OF DEF STD

Box:MANUAL

City:4120 3-M

Phone:804-279-4371 DSN 695-4371

CAGE:81349

===== Composition/Information on Ingredients =====

Ingred Name:TRIFLUOROBROMOMETHANE

CAS:75-63-8

RTECS #:PA5425000

Fraction by Wt: 100%

OSHA PEL:1000 PPM

ACGIH TLV:1000 PPM; 8990

Ozone Depleting Chemical:1

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

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

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

Health Hazards Acute and Chronic:ACUTE:INHALATION-ASPHYXIAN, CNS AND

CNS EFFECTS. SKIN-FROST BITE FROM LIQUID. EYES- IRRITATION.

CHRONIC:UNKNOWN. TARGET ORAGANS:LUNGS, CNS, HEART.

Effects of Overexposure:EYE/SKIN:CONTACT CAN CAUSE FROSTBITE;

INHALATION:SUFFOCATION, LIGHT-HEADEDNESS, GIDDINESS, SHORTNESS OF

BREATH. MAY LEAD TO NARCOSIS, CARDI

AC IRREGULARITIES,
UNCONSCIOUSNESS OR DEATH.

Medical Cond Aggravated by Exposure:HEART AND PULMONARY DISORDERS.

===== 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

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

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

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

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

Neutralizing Agent:NONE

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

Handling and Storage Precautions:STORE IN CLEAN, DRY AREA. DO NOT STORE
A
BOVE 125F(57C).

Other Precautions:USE IN A WELL VENTILATED AREA.

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

Respiratory Protection:NONE NORMALLY REQUIRED. WEAR SCBA IN CASE OF
LARGE SPILL OR WHEN USING IN A CONFINED AREA..

Ventilation:LOCAL EXHAUST.

Protective Gloves:LINED BUTYL GLOVES.

Eye Protection:CHEMICAL SPLASH GOGGLES.

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

Supplemental Safety and Health

IN EM

EMERGENCY, EXPOSURE SHOULD BE LIMITED TO THE FOLLOWING: UP TO 7%, 15 MINUTES; 7-10%, 1 MINUTE; 10-15%, 30 SECONDS; OVER 15%, PREVENT EXPOSURE.

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

HCC: G3

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

Vapor Pres: 12134

Vapor Density: 5.14

Spec Gravity: 1.538

Solubility in Water: NEGLIGIBLE

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

Percent Volatiles by Volume: 100

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

Stability Indicator/Materials 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.

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

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

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