

ANNISTON ARMY DEPOT -- 30402103,FIRE EXTINGUISHER (MONOBROMOTRIFLUOROMETHANE) --
1680-00-168-5737

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

Product ID:30402103,FIRE EXTINGUISHER (MONOBROMOTRIFLUOROMETHANE)

MSDS Date:01/16/1997

FSC:1680

NIIN:00-168-5737

MSDS Number: CCVQY

=== Responsible Party ===

Company Name:ANNISTON ARMY DEPOT

Address:7 FRANKFORD AVENUE

City:ANNISTON

State:AL

ZIP:35201-4199

Country:US

Info Phone Num:205-235-7776

Emergency Phone Num:800-851-8061

Preparer's Name:HMIS-VBA

CAGE:75117

=== Contractor Identification ===

Company Name:ANNISTON ARMY DEPOT

Address:7 FRANKFORD AVENUE

Box:City:ANNISTON

State:AL

ZIP:35201-4199

Country:US

Phone:205-235-7776

CAGE:75117

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

Ingred Name:BROMOTRIFLUOROMETHANE

CAS:75-63-8

Fraction by Wt: 3.0% LBS

Other REC Limits:NONE SPECIFIED

Ozone Depleting Chemical:1

Ingred Name:NITROGEN

CAS

:7727-37-9
RTECS #:QW9700000
Fraction by Wt: 0.08% LB
Other REC Limits:NONE SPECIFIED
ACGIH TLV:ASPHYXIAN; 9495

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

LD50 LC50 Mixture:ORAL LD50 (RAT) IS UNKNOWN.
Routes of Entry: Inhalation:YES Skin:NO Ingestion:NO
Reports of Carcinogenicity:NTP:NO IARC:NO OSHA:NO
Health Hazards Acute and Chronic:MAY ACT AS A SIMPLE ASPHYXIAN &
IRRITANT TO LUNGS, APPROXIMATE LETHAL CONCENTRATION OF PRODUCT TO
THE RAT IS 80% FOR 15
MINUTES EXPOSURE. PRODUCT HAS ANESTHETIC AND
CARDIAC EFFECTS IN HUMANS AT CONCENTRATIONS ABOVE 10% BY VOLUME.
CONCENTRATIONS BELOW 10% ARE CONSIDERED SAFE FOR 0 TO 5 MINUTES
EXPOSURES.
Effects of Overexposure:THE ANESTHETIC EFFECT OF THE PRODUCT AT LEVELS
BELOW 10% IS SIMILAR TO A FEELING OF MILD INTOXICATION. ANESTHETIC
EFFECTS END RAPIDLY AFTER EXPOSURE IS TERMINATED. PROLONGED
EXPOSURE TO CONCENTRATIONS ABOVE 10% (15-20%), MAY LEAD TO
UNCONSCIOUSNESS AND POSSIBLY
DEATH.
Medical Cond Aggravated by Exposure:CARDIAC PROBLEMS MAY BE AGGRAVATED
BY OVEREXPOSURE.

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

First Aid:REMOVE VICTIM TO FRESH AIR. IF NOT BREATHING GIVE CPR/OXYGEN
IF NECESSARY. PROVIDE SYMPTOMIC AND SUPPORTIVE CARE. GET MEDICAL
ATTENTION. NOTE: ADRENALIN IS CONTRAINDICATED IN THE TREATMENT OF
OVEREXPOSURE.

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

Flash Point:NON-FLAMMABLE
Ext
inguishing Media:PRODUCT IS A NON-FLAMMABLE GAS. ALL CONVENTIONAL
EXTINGUISHING MEDIA ARE SUITABLE.
Fire Fighting Procedures:FIRE FIGHTERS SHOULD WEAR PROTECTIVE CLOTHING
AND SELF-CONTAINED BREATHING APPARATUS.
Unusual Fire/Explosion Hazard:CYLINDER MAY BURST IN FIRE. MAY RELEASE
IRRITATING AND TOXIC PRODUCTS LIKE HYDROGEN FLUORIDE AND HYDROGEN
BROMIDE.

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

Spill Release Procedures:EVACUATE PERSONNEL AND VENTILATE

ENCLOSED

AREAS IN CASE OF INADVERTENT DISCHARGE OF THE PRODUCT.

Neutralizing Agent:NONE.

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

Handling and Storage Precautions:AVOID PHYSICAL DAMAGE TO CONTAINER.

STORE AT COOL AND WELL VENTILATED AREA BELOW 125 F.

Other Precautions:USE IN A WELL VENTILATED AREA.

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

Respiratory Protection:WEAR NIOSH APPROVED SELF-CONTAINED BREATHING APPARATUS IF EXPOSED

TO CONCENTRATIONS GREATER THAN 10%

Ventilation:ALL INDOOR AREAS SHOULD BE WELL VENTILATED.

Protective Gloves:NONE NORMALLY REQUIRED.

Eye Protection:NONE NORMALLY REQUIRED.

Other Protective Equipment:NONE NORMALLY REQUIRED.

Work Hygienic Practices:AVOID OVEREXPOSURE.

Supplemental Safety and Health

THE LOGISTICS INFORMATION IS FROM AVSOM DMWR 55-1680-246.

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

HCC:G3

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

Vapor Pres:6200 @ 0 C

Solubility in

Water:NEGLIGIBLE

Appearance and Odor:COLORLESS, LIQUIFIED GAS WITH SLIGHT ETHEREAL ODOR.

Percent Volatiles by Volume:100

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

Stability Indicator/Materials to Avoid:YES

ACTIVE METALS, FIRES OF METAL HYDRIDES, AND MATERIAL CONTAINING OWN OXYGEN.

Stability Condition to Avoid:HIGH HEAT ABOVE 125F.

Hazardous Decomposition Products:IN PRESENCE OF FLAMES/HOT SURFACES;

HYDROGEN FLUORIDE, HYDROGEN BROMIDE, BROMINE, CARBONYL FLUORI

DE,
CARBONYL BROMIDE.

Conditions to Avoid Polymerization:WILL NOT OCCUR.

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

Waste Disposal Methods:DISPERSES IN THE ATMOSPHERE. UNUSED MATERIAL MAY
BE RETURNED TO THE MANUFACTURER.

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