

HALON 1211;PYROFORANE 1211;FOREX 1211

MSDS Number

BHBTS

National Stock Number

6830-00-965-2309

Product Name

HALON 1211;PYROFORANE 1211;FOREX 1211

Manufacturer

ATOCHEM INC FOREX FIRE EXTINGUISHANTS

Product Identification

Product ID:HALON 1211;PYROFORANE 1211;FOREX 1211

MSDS Date:10/14/1987

FSC:6830

NIIN:00-965-2309

MSDS Number: BHBTS

Responsible Party

ATOCHEM INC. FOREX FIRE EXTINGUISHANTS

266 HARRISTOWN RD

GLEN ROCK , NJ 07452

US

Preparer: SAFETY & ENVIRONS AFFAIRS

Cage: MO388

Contractor

ATOCHEM INC. FOREX FIRE EXTINGUISHANTS

607

GLEN ROCK, NJ 07452

US

800-424-9300 (CHEMTREC)

Cage: MO388

Ingredients

BROMOCHLORODIFLUOROMETHANE

CAS: 353-59-3

RTECS: PA5250500

Hazards

Routes of Entry: Inhalation:YES Skin:YES Ingestion:YES

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

Health Hazards Acute and Chronic:EYE-CONTACT WITH LIQUID CAN CAUSE BURNS. SKIN-CONTACT WITH LIQUID CAN CAUSE FROSTBITE. INHALATION-NO TROUBLE OBSERVED AT CONCENTRATIONS BELOW 20,000PPM. AT HIGHER CONCENTRATIONS, NERVOUS TROUBLES AND POSSIBLE OF CARDIAC IRREGULARITIES.

Explanation of Carcinogenicity:HALON 1211 IS NOT CLASSIFIED AS A CARCINOGEN BY IARC, NTP OR OSHA.

Medical Cond Aggravated by Exposure:NOTE TO PHYSICIAN: PRODUCT IS AN ASPHYXIAN AND MANY INDUCE CARDIAC MUSCLE SENSITIZATION TO EPINEPHRINE-LIKE COMPOUNDS. DO NOT GIVE ADRENALIN OR SIMILAR SYMPATHOMIMETIC DRUGS.

First Aid

First Aid:EYE-FLUSH WITH FLOWING WATER FOR 15 MIN. GET MED ATTN.
SKIN-FLUSH WITH WATER. CALL PHYSICIAN IF FROSTBITE SYMPTOMS OCCUR.
INHALATION-REMOVE TO FRESH AIR. CALL PHYSICIAN. IF NOT BREATHING
GIVE ARTIFICIAL RESPIRATION. PREFERABLY MOUTH TO MOUTH.DO NOT
GIVE EPINEPHRINE. INGESTION-DO NOT INDUCE VOMITING IF PATIENT IS
UNCONSCIOUS OR HAVING CONVULSIONS.

Fire Fighting

Flash Point:NON-FLAMMABLE
Extinguishing Media:NON-FLAMMABLE PRODUCT-HALON 1211 IS USED AS A FIRE
EXTINGUISHING AGENT ITSELF.
Fire Fighting Procedures:SELF CONTAINED BREATHING APPARATUS MAY BE
NECESSARY IF CYLINDER RUPTURES OR RELEASES PRODUCT UNDER FIRE
CONDITIONS.
Unusual Fire/Explosion Hazard:THERMAL DECOMPOSITION GIVES TOXIC FUMES
(HYDROBROMIC, HYDROCHLORIC, HYDROFLUORIC ACIDS, POSSIBLE FREE
HALOGENS AND CARBONYL HALIDES). CONT CAN RUPTURE UNDER FIRE

Accidental Release

Spill Release Procedures:VENTILATE AREA, ESPECIALLY LOW AREAS WHERE
HEAVY VAPORS MIGHT COLLECT. REMOVE HOT METAL SURFACES OR SOURCE OF
NON-EXTINGUISHED FLAMES.
Neutralizing Agent:NONE LISTED.

Handling

Handling and Storage Precautions:STORE AT TEMP BELOW 125F IN A WELL
VENTILATED AREA STORAGE & HANDLING PRECAUTIONS AS APPLICABLE TO
LIQUIFIED GASES UNDER PRESSURE.
Other Precautions:NONE LISTED.

Exposure Controls

Respiratory Protection:SELF-CONTAINED BREATHING APPARATUS IS REQUIRED
IF A LARGE SPILL OCCURS IN A CONFINED AREA.UNDER NORMAL CONDITIONS
NO RESPIRATORY PROTECTION IS REQUIRED WHEN USING THIS PRODUCT.
Ventilation:LOCAL EXHAUST RECOMMENDED. MECHANICAL REQ IN LOW AREAS
WHERE VAPORS MAY COLLECT.
Protective Gloves:YES WHEN HANDLING LIQUIFIED GAS.
Eye Protection:CHEMICAL SAFETY GOGGLES.
Other Protective Equipment:NONE LISTED.
Supplemental Safety and Health
NONE LISTED.

Chemical Properties

Boiling Pt:B.P. Text:25F
Vapor Pres:1758 MM HG
Vapor Density:5.97@68F
Spec Gravity:1.815 G/CC@68F
Evaporation Rate & Reference:LIQUIFIED GAS
Solubility in Water:NON-MISCIBLE
Appearance and Odor:COLORLESS, SLIGHT ETHERAL ODOR.
Percent Volatiles by Volume:100

Stability

Stability Indicator/Materials to Avoid:YES
ACTIVE METALS SUCH AS ALUMINUM AND MAGNESIUM, AND FIRES INVOLVING METAL
HYDRIDES.
Stability Condition to Avoid:EXPOSURE TO FLAMES OR HOT SURFACES ABOVE
850F WILL CAUSE DECOMPOSITION.
Hazardous Decomposition Products:AT TEMP >850F TOXIC FUMES
(HYDROBROMIC, HYDROCHLORIC & HYDROFLUORIC ACIDS.POSSIBLY FREE
HALOGENS & CARBONYL HALIDES).

Disposal

Waste Disposal Methods:COMPLY WITH ALL FEDERAL,STATE AND LOCAL
REGULATIONS. RECLAIM IN SUITABLE VAPOR RECOVERY EQUIPMENT.

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