

ATOCHEM INC FOREX FIRE EXTINGUISHANTS -- AUTOCHEM PYROFORANE 1301, FORAX 1301 --  
4210-00-555-8837

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

Product ID:AUTOCHEM PYROFORANE 1301, FORAX 1301  
MSDS Date:11/01/1988  
FSC:4210  
NIIN:00-555-8837  
MSDS Number: BJNMB  
=== Responsible Party ===  
Company Name:ATOCHEM INC FOREX FIRE EXTINGUISHANTS  
Address:266 HARRISTOWN RD  
Box:607  
City:GLEN ROCK  
State:NJ  
ZIP:07452  
Country:U  
S  
Info Phone Num:201-652-8575  
Emergency Phone Num:201-652-8575  
CAGE:5P418  
=== Contractor Identification ===  
Company Name:ATOCHEM INC FOREX FIRE EXTINGUISHANTS  
Address:266 HARRISTOWN RD  
Box:607  
City:GLEN ROCK  
State:NJ  
ZIP:07452  
Country:US  
Phone:800-424-9300 (CHEMTREC)  
CAGE:5P418

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

Ingred Name:TRIFLUOROBROMOMETHANE (HALON 1301) (SARA III)  
CAS:75-63-8  
RTECS #:PA5425000  
Other REC Limits:NONE SPECIFIED  
OSHA PEL:1000 PPM  
ACGIH TLV:

1000 PPM; 9192

Ozone Depleting Chemical:1

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===== 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:NO TROUBLE AT CONCENTRATIONS BELOW  
50,000 PPM. AT VERY HIGH CONCENTRATION: IRRITATION OF THE EYES AND  
THE NOSE, NERVOUS AND RESPIRATORY TROUBLES.  
Explanation of Carcinogenicity:NONE OF THE COMPOUNDS IN THIS PRODUCT IS  
LISTED BY IARC,  
NTP, OR OSHA AS A CARCINOGEN.  
Effects of Overexposure:INHALATION:IRRITATION OF THE NOSE, TROUBLE IN  
BREATHING, DIZZINESS, DISORIENTATION. SKIN CONTACT: FROSTBITE.  
Medical Cond Aggravated by Exposure:NONE LISTED.

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

First Aid:EYE: FLUSH WITH WATER FOR 15 MINUTES. GET MEDICAL HELP.SKIN:  
FROSTBITE, TREAT AS A BURN. INHAHALATION:REMOVE TO FRESH AIR. GET  
MEDICAL HELP.

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

Extinguishing Media:NONE. NONFLAMMABLE PRODUCT.  
Fire Fighting Procedures:FIRE FIGHTERS SHOULD USE NIOSH APPROVED SCBA &  
FULL PROTECTIVE EQUIPMENT WHEN FIGHTING CHEMICAL FIRE. USE WATER  
SPRAY TO COOL NEARBY CONTAINERS EXPOSED TO FIRE.  
Unusual Fire/Explosion Hazard:FIRE OR EXCESSIVE HEAT MAY CAUSE  
PRODUCTION OF HAZARDOUS DECOMPOSITION PRODUCTS (HYDROBROMIC,  
HYDROCHLORIC AND HYDROFLUORIC ACIDS).

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

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pill Release Procedures:EVACUATE ALL PERSONNEL FROM RELEASE AREA.  
VENTILATE OR WEAR A SELF CONTAINED BREATHING APPARATUS ( RISK OF  
INTOXICATION).  
Neutralizing Agent:NOT APPLICABLE.

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

Handling and Storage Precautions:PROTECT CYLINDERS FROM PHYSICAL  
DAMAGE. STORE AWAY FROM EXTREME HEAT. KEEP CYLINDER VALVES CLOSED  
WHEN NOT IN USE AND WHEN EMPTY.  
Other Precautions:DO NOT DEFACE CYLINDERS OR LABELS. HANDLE CYLINDERS

WITH PROPER CAUTION.

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

Respiratory Protection:NONE NORMALLY REQUIRED.

Ventilation:PROVIDE SUFFICIENT GENERAL/MECHANICAL VENTILATION TO KEEP EXPOSURE BELOW PEL/TLV.

Protective Gloves:WORK GLOVES FOR HANDLING CYLINDERS.

Eye Protection:APPROVED SAFETY GLASSES OR FACE SHIELD.

Other Protective Equipment:SAFETY SHOES.

Work Hygienic Practices:OBSERVE GOOD PERSONAL HYGIENE PRACTICES AND RECOMMENDED PROCEDURES. USE PROPER CARE WHEN HANDLING AND STORING CYLINDERS.

Supplemental Safety and Health

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

HCC:G3

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

Vapor Pres:10761

Vapor Density:5.29

Spec Gravity:1.575

Evaporation Rate & Reference:LIQUIFIED GAS

Solubility in Water:NON-MISCIBLE

Appearance and Odor:SLIGHT ODOR, COLORLESS.

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

Stability Indicator/Materials to Avoid:YES

NONE

Stability Condition

to Avoid:HIGH TEMPERATURES, SPARKS, AND OPEN FLAMES

Hazardous Decomposition Products:THERMAL DECOMPOSITION ABOVE 930F GIVES TOXIC FUMES; HYDROBROMIC, HYDROCHLORIC AND HYDROFLUORIC ACIDS.

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

Waste Disposal Methods:MOVE LEAKY CYLINDER TO OUTDOORS OR VENTILATED HOOD. DISPOSAL SHOULD BE MADE IN ACCORDANCE WITH ALL APPLICABLE FEDERAL, STATE AND LOCAL LAWS AND REGULATIONS.

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