

ELF ATOCHEM NORTH AMERICA INC -- HALON 1301, PART NUMBER 11972 -- 6830-00-555-8837

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Product Identification  
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Product ID:HALON 1301, PART NUMBER 11972

MSDS Date:03/27/1992

FSC:6830

NIIN:00-555-8837

MSDS Number: CGMVN

=== Responsible Party ===

Company Name:ELF ATOCHEM NORTH AMERICA INC

Address:2000 MARKET STREET

City:PHILADELPHIA

State:PA

ZIP:19103-3222

Country:US

Info Phone Num:215-419-70

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Emergency Phone Num:215-419-7000

CAGE:86460

=== Contractor Identification ===

Company Name:ELF ATOCHEM NORTH AMERICA FLUOROCHEMICALS

Address:THREE PARKWAY

Box:City:PHILADELPHIA

State:PA

ZIP:19102

Country:US

Phone:215-587-7779

CAGE:TO004

Company Name:ELF ATOCHEM NORTH AMERICA INC

Address:2000 MARKET STREET

Box:City:PHILADELPHIA

State:PA

ZIP:19103-3222

Country:US

Phone:800-245-5858

CAGE:86460

Company Name:GENERAL FIRE EXTINGUISHER CORP

Address:1685 SHERMER RD

Box:City:NORTHBROOK

State:IL

ZIP:6

0062-5315  
Country:US  
Phone:(708) 847-272-7500; 847-272-7500  
CAGE:99539

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Composition/Information on Ingredients  
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Ingred Name:TRIFLUOROBROMOMETHANE (HALON 1301) (SARA III)  
CAS:75-63-8  
RTECS #:PA5425000  
= 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:NONE SPECIFIED BY MANUFACTURER.  
Routes of Entry: Inhalation:YES Skin:YES Ingestion:NO  
Reports of C  
arcinogenicity: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 BY INGESTION, AFFECTING CENTRAL NERVOUS  
SYSTEM. INHAL: AT CONCENTRATIONS >20,000 PPM IRREGULARITIES IN  
CENTRAL NERVOUS SYSTEM AND CARDIAC MUSCLE ARE EXHIBITED.  
Explanation of Carcinogenicity:NOT RELEVANT.  
Effects of Overexposure:SEE HEALTH HAZARDS.  
Medical Cond Aggravated by Exposure:ANEM  
IA, ASTHMA, DERMAL SENSITIVITY  
AND LOW BLOOD PRESSURE.

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First Aid Measures  
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First Aid:EYES:IMMED FLUSH W/FLOWING H2O FOR @ LST 15 MIN. SEE PHYS IF  
IRRIT PERSISTS. SKIN:REMOVE CONTAMD CLTHG & WASH EXPOSED SKIN W/LG  
AMT OF H2O. SEE PHYS IF IRRIT PERSISTS. INGEST:FOR LG AMT INGESTED,  
INDUCE VOMIT W/IPECAC. DO NOT INDUCE VOMIT IF PERSON IS COMATOSE.  
SEE PHYS. INHAL:NO HARMFUL EFTS ARE ANTICIPATED FROM BRTHG LOW CONC  
OF VAP FO

R SHORT PERIOD OF TIME. IF PROBLEM DEVELOPS,  
REMOVE(SUPDAT)

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

Extinguishing Media:NON-FLAMMABLE. MEDIA SUITABLE FOR SURROUNDING FIRE

Fire Fighting Procedures:WEAR NIOSH/MSHA APPROVED SCBA AND FULL  
PROTECTIVE EQUIPMENT.

Unusual Fire/Explosion Hazard:MOVE CONTAINER FROM FIRE AREA, IF  
POSSIBLE. COOL FIRE EXPOSED CONTAINERS WITH WATER WELL AFTER FIRE  
IS OUT TO PREVENT POSSIBLE EXPLOSIONS.

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

Spill Release Procedures:VENT AREA & REMOVE ALL IGNITION SOURCES.  
CONTAIN SPILL BY BUILDING DIKE USING ABSORBENT MATL. COLLECT  
REMAINDER OF SPILL W/ABSORBENT MATL & PLACE MATL INTO DRUM APPROVED  
FOR WASTE DISPOSAL.

Neutralizing Agent:NONE SPECIFIED BY MANUFACTURER.

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

Handling and Storage Precautions:MINIMIZE VAPORIZATION BY SEALING IN  
TIGHTLY CLSD CONTR. STORE IN C

COOL, WELL-VENTD AREA. KEEP AWAY FROM  
HEAT/SPARKS/OPEN FLAME. AVOID EYE/SKIN(SUPDAT)

Other Precautions:NONE SPECIFIED BY MANUFACTURER.

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

Respiratory Protection:NIOSH/MSHA APPROVE RESPIRATOR FOR DUST  
MISTS/FUMES APPROP TO AIRBORNE CONC MAY BE WORN. WHERE VAPORS ARE  
GENERATED, NIOSH/MSHA APPROVED ORGANIC RESPIRATOR SUITABLE TO  
AIRBORNE CONCENTRATIONS IS RECOMM ENDED.

Ventilation:PROVIDE LOC EXHAUST VENT WHERE BUILD-  
UP OF VAP MAY EXCEED

LISTED PEL/TLV IN WORK BRTHG ZONES. FOLLOWING (SUPP DATA)

Protective Gloves:NITRILE/NATURAL RUBBER GLOVES.

Eye Protection:CHEMICAL WORKERS GOGGLES .

Other Protective Equipment:IMPERVIOUS BODY COVERING AND BOOTS.

Work Hygienic Practices:NONE SPECIFIED BY MANUFACTURER.

Supplemental Safety and Health

HAZ DECOMP PROD:TO DECOMP OF PROD MAY BE GENERATED DURING FIRE. FIRST  
AID PROC:TO FRESH AIR/SUPPLY O2 IF NEC. HNDLG/STOR PREC:CONT. WHEN  
TRANSFERRING FROM CONTR, GROUND

/BOND BOTH CONTR. VENT:PUBLICATION

OFFERS VENT GUIDELINES & TECH: "INDUSTRIAL VENTILATION, MANUAL OF RECOMMENDED PRACTICE" AVAILABLE FROM ACGIH.

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

HCC:G3

Boiling Pt:=-58.C, -72.4F

Melt/Freeze Pt:=-168.C, -270.4F

Vapor Pres:220 PSIG

Vapor Density:5.14

Spec Gravity:1.54

Solubility in Water:NEGLIGIBLE

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

Percent Volatiles by Volume:100

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

Stability Indicator/Materials to Avoid:YES

ALKALINE EARTH METALS, ALKALI, POWDERED ALUMINUM, ZINC, BERYLLIUM.

Stability Condition to Avoid:EXPOSURE TO FLAMES OR HOT SURFACES ABOVE 850F.

Hazardous Decomposition Products:HYDROBROMIC/HYDROCHLORIC/HYDROFLUORIC ACIDS, POSS FREE HALIDES & CARBONYL HALIDES. IRRITATING &/OR TOX GASES DUE(SUPDAT)

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

Waste Disposal Methods:RECOVER

ED MATERIAL CAN BE INCINERATED IN A

FURNACE WHERE PERMITTED, OBSERVING ALL LOCAL, STATE AND FEDERAL REGULATIONS.

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