

ANSUL INC -- 52742, FIRE EXTINGUISHER,VAPORIZING LIQUID. -- 4210-01-107-3298

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Product Identification
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Product ID:52742, FIRE EXTINGUISHER,VAPORIZING LIQUID.

MSDS Date:01/12/1996

FSC:4210

NIIN:01-107-3298

MSDS Number: CGDXZ

=== Responsible Party ===

Company Name:ANSUL INC

Address:ONE STANTON ST

City:MARINETTE

State:WI

ZIP:54143-2542

Country:US

Info Phone Num:715-735-7411

Emergency Phone

Num:715-735-7411,800-424-9300(CHEMTRAC)

CAGE:MO936

=== Contractor Identification ===

Company Name:ANSUL INC

Address:ONE STANTON STREET

Box:City:MARINETTE

State:WI

ZIP:54143-2542

Country:US

Phone:715-735-7411

CAGE:03670

Company Name:ANSUL INC

Address:ONE STANTON ST

Box:City:MARINETTE

State:WI

ZIP:54143-2542

Country:US

Phone:715-735-7411

CAGE:MO936

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Composition/Information on Ingredients
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Ingred Name:BROMOTRIFLUOROMETHANE (HALON 1301) (SARA 313) (CERCLA)

CAS:75-63-8

RTECS #:PA5425000
Fraction by Wt: >99%
Other REC Limits:NONE RECOMMENDED
OSHA PEL:1000 PPM
ACGIH TLV:1000 PPM; 9596
Ozone Depleting Chemical:1

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

LD50 LC50 Mixture:ORAL LD50 (RAT) IS >800,000 PPM(V/V)4HR.
Routes of Entry: Inhalation:YES Skin:YES Ingestion:NO
Reports of Carcinogenicity:NTP:NO IARC:NO OSHA:NO
Health Hazards Acute and Chronic:EYES: LIQUID CAN PRODUCE CHILLING AND DISCOMFORT. SKIN: EVAPORATION FROM SKIN CAN PRODUCE CHILLING. FROSTBITE CAN OCCUR. INHALATION: CAN CAUSE SUFFOCATION BY REDUCING OXYGEN AVAILABLE.MAY LEAD TO NARC OSIS,CARDIAC IRREGULAITIES,UNCONSCIOUSNESS,DEATH. INGESTION: NOT LIKELY TO OCCUR SINCE MATERIAL IS A GAS AT ROOM TEMP.
Explanation of Carcinogenicity:NONE
Effects of Overexposure:ACUTE: DIZZINESS, IMPAIRED COORDINATION, REDUCED MENTAL ACUITY, AND CARDIAC EFFECTS CAN OCCUR. UNCONSCIOUSNESS OR EVEN DEATH IN HIGH CONCENTRATIONS WITH LONGER EXPOSURES. CH
RONIC: NONE KNOWN WHEN OCCU PATIONAL EXPOSURES ARE BELOW THE TLV.
Medical Cond Aggravated by Exposure:CARDIAC PROBLEMS.

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

First Aid:EYES: FLUSH WITH LARGE AMOUNTS OF WATER. IF REDNESS, ITCHING, OR BURNING SENSATION DEVELOPS, GET MEDICAL ATTENTION. TREAT FOR FROSTBITE IF NECESSARY. SKIN: WASH AREA WITH SOAP AND WATER. IF REDNESS, I TCHING, OR BURNING OCCURS, GET MEDICAL ATTENTION. TREAT FOR FROSTBITE IF NECES
SARY. INHALATION: MOVE TO FRESH AIR. IF NOT BREATHING,GIVE CPR. IF BREATHING DIFFICULT,GIVE OXYGEN. GET MEDICAL ATTENTION.

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

Flash Point:NONE
Extinguishing Media:THIS IS A FIRE EXTINGUISHING AGENT.
Fire Fighting Procedures:USE WATER TO COOL FIRE-EXPOSED CYLINDERS OF EXTINGUISHING AGENT.USE SCBA WITH FULL FACEPIECE AND PROTECTIVE CLOTHING WHEN ENTERING FIRE AREAS WHERE AGENT USED.
Unusual Fire/Explosion Hazard:AG

ENT CONTAINERS EQUIPPED WITH PRESS/TEMP
RELIEF DEVICES, BUT RUPTURE MAY OCCUR UNDER FIRE CONDITIONS AND
TOXIC BY-PRODUCTS MAY BE FORMED IN FIRES OVER 900F.

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

Spill Release Procedures:EVACUATE AREA. VENTILATE TO OUTSIDE
ATMOSPHERE. COOL OR REMOVE HOT METAL SURFACES OR SOURCE OF
NON-EXTINGUISHED FLAMES.

Neutralizing Agent:NONE SPECIFIED BY MANUFACTURER.

===== Handling and Storage =====
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Handling and Storage Precautions:STORE AS A LIQUEFIED COMPRESSED GAS
AWAY FROM HIGH TEMPERATURES.

Other Precautions:STORE AWAY FROM ACTIVE METALS AND FIRES INVOLVING
METAL HYDRIDES.

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

Respiratory Protection:NOT NORMALLY NECESSARY IF CONTROLS ARE ADEQUATE.
FOR HIGH CONCENTRATIONS EXCEEDING 10% OR IF EXPOSURE IS PROLONGED,
USE POSITIVE PRESSURE AIR-SUPPLIED RESPIRATOR.

Ventilation:LOCAL EXHAUST RECOMMENDED.

MECHANICAL (GENERAL) IS
RECOMMENDED IN LOW AREAS OR INDOORS WHERE VAPORS MAY COLLECT.

Protective Gloves:PLASTIC IF WORKING WITH LIQUID.

Eye Protection:GOGGLES. FULL FACESHIELD IF SPLASHING.

Other Protective Equipment:EYEWASH STATION AND SAFETY SHOWER ARE GOOD
SAFETY PRACTICE IN WORK AREAS WHEN WORKING WITH LIQUAFIED PRODUCT.

Work Hygienic Practices:NONE SPECIFIED BY MANUFACTURER.

Supplemental Safety and Health

NONE

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

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CC:G3

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

Vapor Pres:188.0 PSI

Vapor Density:5.2 AIR=1

Spec Gravity:1.57

pH:UNKNON

Evaporation Rate & Reference:N/A GAS AT ROOM TEMP.

Solubility in Water:NEGLIGIBLE

Appearance and Odor:COLORLESS GAS. SWEET ODOR.

Percent Volatiles by Volume:100

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

Stability Indicator/Materials to Avoid:YES

ACTIVE METALS AND FIRES INVOLVING METAL HYDRIDES.

Stability Condition to Avoid:DECOMPOSES UNDER FIRE CONDITIONS

ABOVE
900F.

Hazardous Decomposition Products:THERMAL DECOMPOSITION AT TEMP. ABOVE
900F FORMING HYDROGEN FLUORIDE AND HYDROGEN BROMIDES.CAN RESULT IN
INJURY OR DEATH.

Conditions to Avoid Polymerization:WILL NOT OCCUR.

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

Waste Disposal Methods:DISPOSE OF IN ACCORDANCE WITH LOCAL, STATE AND
FEDERAL REGULATIONS.

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