

DUPONT E I DE NEMOURS & CO -- HALON 1301 FIRE EXTINGUISHER -- 4210-00-930-2625

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

Product ID:HALON 1301 FIRE EXTINGUISHER

MSDS Date:01/01/1987

FSC:4210

NIIN:00-930-2625

MSDS Number: BFXDW

=== Responsible Party ===

Company Name:DUPONT E I DE NEMOURS & CO

Address:FREON PRODUCTS DIVISION

City:WILMINGTON

State:DE

ZIP:19898

Country:US

Info Phone Num:302-774-2421

Emergency Phone Num:800-441-7515

CAGE:23027

=== Contractor Identification

n ===

Company Name:DU PONT E I DE NEMOURS AND CO INC PETROCHEMICALS DEPT

Address:1251 BRANDYWINE BLDG

Box:City:WILMINGTON

State:DE

ZIP:19898

Phone:302-773-5676

CAGE:73925

Company Name:STOTTS-FRIEDMAN CO INC

Address:2608 E RIVER RD

Box:City:DAYTON

State:OH

ZIP:45439-0839

Country:US

Phone:513-298-5555

CAGE:7A884

Company Name:TETRA MFG CORP (CAGE CANCELLED)

Address:CAGE CANCELLED

City:WESTBURY

State:NY

ZIP:11590

Country:US

Phone:NONE

CAGE:23027

===== Composition/Information on Ingredient =====

nts =====

Ingred Name:1,1,2-TRICHLORO-1,2,2-TRIFLUOROETHANE (FREON 113) (SARA
III)
CAS:76-13-1
RTECS #:KJ4000000
Fraction by Wt: 100%
Other REC Limits:1000 PPM
OSHA PEL:1000PPM/1250STEL
ACGIH TLV:1000PPM/1250STEL9192
Ozone Depleting Chemical:1

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

LD50 LC50 Mixture:TLV IS 1000 PPM
Routes of Entry: Inhalation:YES Skin:NO Ingestion:NO
Reports of Carcinogenicity:NTP:NO IARC:NO OSHA:NO
Effects of Overexposure:SHOR
TNESS OF BREATH, GIDDINESS, CARDIAC
ARRYTHMIAS.
Medical Cond Aggravated by Exposure:HEART AND LUNG DISEASES.

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

First Aid:INH:REMOVE TO FRESH AIR.CALL DOCTOR. DO NOT GIVE EPINEPHRINE
OR SIMILAR DRUGS;EYE/SKIN:FLUSH WITH WATER.

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

Extinguishing Media:PRODUCT IS A FIRE EXTINGUISHER.
Fire Fighting Procedures:COOL CYLINDERS WITH WATER.
Unusual Fire/Explosion
Hazard:CYLINDERS WILL EXPLODE IN THE HEAT OF
FIRE.

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

Spill Release Procedures:VENTILATE AREA,ESPECIALLY LOW PLACES WHERE
HEAVY VAPOR MIGHT COLLECT.REMOVE OPEN FLAMES.

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

Handling and Storage Precautions:STORE IN COOL,DRY WELL VENTED LOW FIRE
RISK AREA. PROTECT FROM HEAT,SHOCK,FRICTION. KEEP CONTAINERS
CLOSED.
Other Precautions:DO NOT HEAT ABOVE 1

25F.-FOR FURTHER INFO. SEE FREON
(R)BULLETINS S-35A,B-29C.

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

Respiratory Protection:USE AIR MASK IN CONC. ABOVE 10% BY VOLUME
Ventilation:MECH,ESPEC.IN LOW PLACES;LOCAL EXH,WHEN LG.AMTS.RELEASED
Protective Gloves:TYPE AS REQD
Eye Protection:SAFETY GLASSES
Other Protective Equipment:NONE
Supplemental Safety and Health
UNDATED MSDS/VAP.PRESS. 12158MM HG@77F/

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

HCC:G3
Boiling Pt:B.P. Text:-72F,-58C
Vapor Pres:SUP
Vapor Density:8.7
Spec Gravity:1.538
Evaporation Rate & Reference:RAPID
Solubility in Water:0.03%@77F
Appearance and Odor:COLORLESS LIQUID-SLIGHT ETHEREAL ODOR
Percent Volatiles by Volume:100.

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

Stability Indicator/Materials to Avoid:YES
LIQ.CONTACT W/ALK&ALK.EARTH METALS-POWDERED AL,ZN,BE,ETC.
Stability Condition to Avoid:OPEN FLAMES OR HIGH TEMPS.
Hazardous Decomposition Products:HF,HBR,FREE BR²,POSSIBLY CARBONYL
HALIDES.

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

Waste Disposal Methods:NONE

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