

DUPONT ELECTRONICS, CUSTOMER SERVICE CTR. -- DUPONT HALON 1301 FIRE EXTINGUISHER  
-- 6830-01-302-2555

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

Product ID:DUPONT HALON 1301 FIRE EXTINGUISHER

MSDS Date:05/01/1989

FSC:6830

NIIN:01-302-2555

Status Code:A

MSDS Number: CJDRX

=== Responsible Party ===

Company Name:DUPONT ELECTRONICS, CUSTOMER SERVICE CTR.

Address:825 OLD TRAIL RD

Box:80019

City:WILMINGTON

State

:DE

ZIP:19880-0019

Country:US

Info Phone Num:800-441-9450

Emergency Phone Num:800-441-3637

Preparer's Name:K.P. BROWN

CAGE:NO390

=== Contractor Identification ===

Company Name:DDRV STOCK MAINTENANCE DIV/DDRV-H

Address:8000 JEFFERSON-DAVIS HIGHWAY

Box:City:RICHMOND

State:VA

ZIP:23297

Country:US

Phone:804-279-3125

CAGE:02LX8

Company Name:DUPONT ELECTRONICS, CUSTOMER SERVICE CTR.

Address:825 OLD TRAIL RD

Box:80019

City:WILMINGTON

State:DE

ZIP:19880-0019

Country:US

Phone:800-441-9450

CAGE:NO390

Comp

any Name:E I DU PONT DE NEMOURS & CO  
Address:CHESTNUT RUN PLAZA  
Box:City:WILMINGTON  
State:DE  
ZIP:19898  
Country:US  
Phone:(800) 441-7515  
CAGE:0JNR4  
Company Name:FIRE-X OF VA (804-266-8844)  
Address:6107 STAPLES MILL RD  
Box:9757  
City:RICHMOND  
State:VA  
ZIP:23225  
Country:US  
Phone:804-266-8844  
CAGE:0FA36  
Company Name:HARD HAROLD D CO  
Address:2040 OAKLAND PARK AVE  
Box:City:COLUMBUS  
State:OH  
ZIP:43224-3848  
Country:US  
Phone:614-471-9700  
CAGE:24871  
Company Name:KIDDE INC WALTER KIDDE DIVISION  
Address:INDUS  
TRIAL/MARINE FIRE PROTECTION SYSTEM  
Box:City:WAKE FOREST  
State:NC  
Country:US  
CAGE:62142

===== 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

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

Routes of Entry: Inhalation:YES Skin:NO Ingestion:NO  
Reports of Carcinogenic

ity:NTP:NO IARC:NO OSHA:NO

Health Hazards Acute and Chronic:INHALATION OF HIGH CONCENTRATIONS OF VAPOR IS HARMFUL AND MAY CAUSE HEART IRREGULARITIES, UNCONSCIOUSNESS, OR DEATH. LIQUID CONTACT CAN CAUSE FROSTBITE. INHALATION CAN RESULT IS TEMPORARY CENTRAL NE RVOUS SYSTEM DEPRESSION.

Effects of Overexposure:OVEREXPOSURE BY INHALATION MAY INCLUDE: NONSPECIFIC DESCOMFORT, SUCH AS NAUSEA, HEADACHE, OR WEAKNESS; OR EFFECTS SUCH AS DIZZINESS, CONFUSION, INCOORDINATION AND L OSS OF CONSCIOUSNESS.

Medical Cond Aggravated by Exposure:CENTRAL NERVOUS OR CARDIOVASCULAR SYSTEM.

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

First Aid:INHALATION: IMMEDIATELY REMOVE TO FRESH AIR. KEEP PERSON CALM. ASSIST WITH BREATHING IF NECESSARY. SKIN: FLUSH WITH WATER. TREAT FOR FROSTBITE IF NECESSARY. EYES: IMMEDIATELY FLUSH EYES WITH PLENTY OF WATER FOR AT LEAST 15 MIN. CALL A PHYSICIAN. INGESTION: NOT CONSIDERED A POTENTIAL ROUTE O F EXPOSURE.

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

Flash Point:NONE

Extinguishing Media:THIS MATERIAL IS AN EXTINGUISHING AGENT.

Fire Fighting Procedures:USE WATER SPRAY TO COOL CONTAINERS.

Unusual Fire/Explosion Hazard:NONE

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

Spill Release Procedures:VENTILATE AREA-ESPECIALLY LOW PLACES WHERE HEAVY VAPORS MIGHT COLLECT. REMOVE OPEN FLAMES. USE SELF-CONTAINED BREATHING APPARATUS FOR LARGE SPILLS.

Neutralizing Agent:NONE

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

Handling and Storage Precautions:NONE SPECIFIED BY MANUFACTURER.

Other Precautions:NONE

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

Respiratory Protection:SELD-CONTAINED BREATHING APPARATUS IS REQUIRED IF A SPILL OCCURS.

Ventilation:NORMAL VENTILATION FOR STANDARD PROCEDURES IS GENERALLY ADEQUATE. LOCAL EXHAUST SHOULD BE USED WITH LARGE AMOUNTS.

Protective Glove

s: LINED BUTYL GLOVES  
Eye Protection: CHEMICAL SPLASH GOGGLES  
Other Protective Equipment: NONE  
Work Hygienic Practices: NORMAL PROCEDURES FOR HANDLING CHEMICALS.  
Supplemental Safety and Health  
THE FSC HAS BEEN CHANGED FROM 4210 TO 6830.

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

HCC: G3  
Boiling Pt: -58.C, -72.4F  
Vapor Pres: 12150 (MMHG)  
Vapor Density: 5.14  
Spec Gravity: 1.54 G/CC, LIQ  
Evaporation Rate & Reference: >1 (CCL4 = 1)  
Solubility in Water: INSOLUBLE  
Appearance and  
Odor: CLEAR LIQUID WITH A SLIGHT ETHEREAL ODOR.  
Percent Volatiles by Volume: 100

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

Stability Indicator/Materials to Avoid: YES  
STRONG OXIDIZING AGENTS.  
Stability Condition to Avoid: AVOID TEMPERATURES ABOVE 125F.  
Hazardous Decomposition Products: NONE SPECIFIED BY MANUFACTURER.

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

Waste Disposal Methods: COMPLY WITH FEDERAL, STATE, AND LOCAL  
REGULATIONS. RECLAIM BY  
DISTILLATION OR REMOVE TO PERMITTED WASTE  
DISPOSAL FACILITY.

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