

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

Stat

e: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

Com

pany 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:INDU
STRIAL/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 Carcinogeni

city: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 LOSS 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 OF 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 Glov

es: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 B
Y DISTILLATION OR REMOVE TO PERMITTED WASTE
DISPOSAL FACILITY.

Disclaimer (provided with this information by the compiling agencies):
This information is formulated for use by elements of the Department
of Defense. The United States of America in no manner whatsoever,
expressly or implied, warrants this information to be accurate and
disclaims all liability for its use. Any person utilizing this
document should seek competent professional advice to verify and
assume responsibility

for the suitability of this information to their particular situation.