

DUPONT E I DE NEMOURS & CO, INC, POLYMER PRODUCTS -- HALON 1301 FIRE EXTINGUISHANT  
-- 6830-00-965-9647

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

Product ID:HALON 1301 FIRE EXTINGUISHANT

MSDS Date:10/24/1991

FSC:6830

NIIN:00-965-9647

MSDS Number: BSHLK

==== Responsible Party ====

Company Name:DUPONT E I DE NEMOURS & CO, INC, POLYMER PRODUCTS

Address:1007 N MARKET ST

City:WILMINGTON

State:DE

ZIP:19898

Count

ry:US

Info Phone Num:800-441-9450

Emergency Phone Num:800-441-3637/CHEMTREC 800-424-9300

Preparer's Name:K.P. BROWN

CAGE:9V583

==== Contractor Identification ====

Company Name:CEREBERUS PYROTRONICS (201-267-1300)

CAGE:0KDN3

Company Name:DUPONT E I DE NEMOURS AND CO INC, POLYMER PRODUCT-TEFLON  
CO.

Address:1007 MARKET ST

Box:City:WILMINGTON

State:DE

ZIP:19898

Country:US

Phone:800-523-0372/346-4748

CAGE:9V583

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===== Composition/Information on Ingredients =====

Ingred Name:TRIF

LUOROBROMOMETHANE (HALON 1301) (SARA III)

CAS:75-63-8

RTECS #:PA5425000

Fraction by Wt: 100%

Other REC Limits:NONE RECOMMENDED

OSHA PEL:1000 PPM

ACGIH TLV:1000 PPM; 9394

Ozone Depleting Chemical:1

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

LD50 LC50 Mixture:TLV=1000 PPM;6090MG/M3 8HR TWA

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

Reports of Carcinogenicity:NTP:NO IARC:NO OSHA:NO

Health Hazards Acute and Chronic:INHAL:13%-MAY CAUSE HEART IRREGULARITIES

.SKIN/EYE:CONTACT WITH  
THE LIQUID MAY CAUSE FROSTBITE.

Explanation of Carcinogenicity:THERE ARE NO INGREDIENTS ABOVE 0.1%  
WHICH ARE IDENTIFIED AS CARCINOGENS BY NTP,IARC OR OSHA.

Effects of Overexposure:INHAL:13%-IRREGULAR PULSE,PALPITATIONS,INADEQUATE  
CIRCULATION.

Medical Cond Aggravated by Exposure:PERSONS WITH PREEXISTING DISEASE OF  
THE CARDIOVASCULAR OR CENTRAL NERVOUS SYSTEMMAY BE AT INCREASED  
RISK FROM EXPOSURE.

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===== First Aid Measures =====  
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First Aid:INHAL:IMMEDIATELY REMOVE TO FRESH AIR.KEEP PERSONS CALM.IF  
NOT BREATHING,GIVE ARTIFICIAL RESPIRATION OR OXYGEN IF  
NEEDED.SKIN:FLUSH WITH WATER.TREAT FOR FROSTBITE BY GENTLY WARMING  
AREA.EYES:IMMEDIATE LY FLUSH WITH WATER.CALL PHYSICIAN.INGEST:NOT A  
LIKELY ROUTE OF EXPOSURE.

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===== Fire Fighting Measures =====  
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Flash Point:WILL NOT BURN

Extinguishing Media:USE MEDIA APPROPRIATE FOR SURROUNDING FIRE.

Fire Fighting Procedures:

USE A SELF-CONTAINED BREATHING APPARATUS AND  
FULL PROTECTIVE EQUIPMENT.COOL FIRE EXPOSED CONTAINERS WITH WATER  
SPRAY.

Unusual Fire/Explosion Hazard:CYLINDERS MAY RUPTURE.HAZARDOUS  
DECOMPOSITION PRODUCTS MAY BE RELEASED.

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===== Accidental Release Measures =====  
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Spill Release Procedures:USE PROPER RESPIRATORY AND PROTECTIVE  
EQUIPMENT.REMOVE SOURCES OF IGNITION.VENTILATE AREA,ESP. LOW  
PLACES.

Neutralizing Agent:NONE

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===== Handling and Storage =====  
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Handling and Storage Precautions:STORE IN ACLEAN DRY AREA WITH  
TEMPERATURES 1 ETHER=1

Solubility in Water:NEGLIGIBLE (0.03%)

Appearance and Odor:LIQUIFIED GAS;COLORLESS;ETHER-LIKE ODOR

Percent Volatiles by Volume:100

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===== Stability and Reactivity Data =====  
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Stability Indicator/Materials to Avoid:YES

ALKALI,ALKALINE EARTH METALS(EG.POWDERED AL,ZN,BE).

Stability Condition to Avoid:EXTENDED CONTACT WITH OPEN FLAMES AND  
TEMPERA

TURES >1000F.

Hazardous Decomposition Products:FREE BROMINE,CARBONYL HALIDES.

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

Waste Disposal Methods:RECLAIM(BY DISTILLATION) OR USE PERMITTED WASTE  
DISPOSAL IN ACCORDANCE WITH FEDERAL,STATE AND LOCAL REGULATIONS.

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