

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

===== 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

Countr

y: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

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

Ingred Name:TRIFL

UOROBROMOMETHANE (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

===== 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.

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

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.

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

Flash Point:WILL NOT BURN

Extinguishing Media:USE MEDIA APPROPRIATE FOR SURROUNDING FIRE.

Fire Fighting Procedures:U

SE 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.

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

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

Neutralizing Agent:NONE

===== Handling an
d Storage =====

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

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

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
TEMPERAT

URES >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.

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,
e

xpressly 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.