

HALOCARBON PRODUCT CORPORATION -- HALOCARBON 6.3 OIL -- 9150-00-035-5985

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

Product ID:HALOCARBON 6.3 OIL

MSDS Date:10/04/1994

FSC:9150

NIIN:00-035-5985

MSDS Number: CBRVF

=== Responsible Party ===

Company Name:HALOCARBON PRODUCT CORPORATION

Box:661

City:RIVER EDGE

State:NJ

ZIP:07661

Country:US

Info Phone Num:201-262-8899

Emergency Phone Num:803-278-3504

Preparer's

Name:DR. ARTHUR J ELLIOTT

CAGE:07644

=== Contractor Identification ===

Company Name:HALOCARBON PRODUCTS CORPORATION

Address:887 KINDERKAMACK RD

Box:City:RIVER EDGE

State:NJ

ZIP:07661

Country:US

Phone:201-262-8899

CAGE:07644

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

Ingred Name:CHLOROTRIFLUOROETHYLENE TELOMER

CAS:9002-83-9

RTECS #:KM6555000

Other REC Limits:NONE RECOMMENDED

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

LD50 LC50 Mixture:NONE S

PECIFIED BY MANUFACTURER.

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

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

Health Hazards Acute and Chronic:HALOCARBON OIL NOT IRRITATING TO SKIN.

ACUTE EFFECTS OF OVEREXPOSURE:FROM ANIMAL STUDIES SIGNS OF FLUORIDE POISONING MAY BE EXPECTED. THESE INCLUDE NAUSEA, SHORTNESS OF BREATH & LOSS OF APPETITE. CHRO NIC EFFECTS OF OVEREXPO:UNKNOWN.

Explanation of Carcinogenicity:PER MSDS:CARCINOGENICITY

LISTING:NTP/IARC/OSHA/OTHE

R:NO.

Effects of Overexposure:ACUTE:FROM ANIMAL STUDIES SIGNS OF FLUORIDE POISONING MAY BE EXPECTED. THESE INCLUDE NAUSEA, SHORTNESS OF BREATH & LOSS OF APPETITE. CHRONIC:UNKNOWN.

Medical Cond Aggravated by Exposure:NONE KNOWN.

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

First Aid:INHAL:REMOVE TO FRESH AIR. APPLY ARTIFICIAL RESP IF NEEDED.

SEEK MED HELP. SKIN:WASH W/SOAP/WATER. EYE:FLUSH EYE IMMED W/WATER FOR @LEAST 15MINS. SEEK MED HELP. ORAL:TRY TO IN DUCD VOMITING. SEEK MED H ELP.

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

Flash Point:NONE

Autoignition Temp:Autoignition Temp Text:N/D

Lower Limits:NA

Upper Limits:NA

Extinguishing Media:USE AGENT APPROPRIATE FOR SURROUNDING FIRE.

Fire Fighting Procedures:WEAR SELF-CONTAINED BREATHING APPARATUS (SCBA) IF THERE IS DANGER OF LEAKAGE.

Unusual Fire/Explosion Hazard:THERMAL DECOMPOSITION PROUDCTS ARE ACIDIC & TOXIC.

===== Accidental Release Meas ures =====

Spill Release Procedures:SPILLS MAY BE PICKED UP W/ABSORBENT SUCH AS VERMICULITE & HELD IN COVERED CONTAINER FOR DISPOSAL.

Neutralizing Agent:NONE SPECIFIED BY MANUFACTURER.

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

Handling and Storage Precautions:NONE SPECIFIED BY MANUFACTURER.

Other Precautions:SIMPLE SKIN PROTECTION SHOULD BE USED TO PREVENT REPEATED EXPOSURE & POSSIBILITY OF SENSITIZATION.SINCE POT FOR HUMAN TOXICITY CANNOT B

E RULED OUT PROPER VENTILATION & WORK
PRACTICES SHOULD BE EMPLOYED.

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

Respiratory Protection:NONE NORMALLY REQUIRED. FOR LARGE SPILLS WEAR
SELF-CONTAINED BREATHING APPARATUS (SCBA).
Ventilation:ADEQUATE GENERAL VENTILATION PLUS LOCAL EXHAUST @POINTS OF
EMISSION.
Protective Gloves:IMPERVIOUS GLOVES.
Eye Protection:SAFETY GLASSES/GOGGLES OR FACE SHIELD.
Other Protective Equipment:NONE NORMALLY REQUIRED.
Work Hygienic
Practices:PROPER WORK PRACTICES SHOULD BE EMPLOYED.
Supplemental Safety and Health
INCOMP MATL:AMINES,LIQ FLUORINE,LIQ CHLORINE TRIFLUORIDE.

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

HCC:V6
Boiling Pt:B.P. Text:>500F,>260C
Melt/Freeze Pt:M.P/F.P Text:NA
Decomp Temp:Decomp Text:>500F,>260C
Vapor Pres:0.1 @70F
Vapor Density:N/DETERMIN
Spec Gravity:1.7 @100F
pH:NP
Viscosity:NP
Evaporation Rate & Reference:NP
Solubility in Water:NEGLIGIBLE.
Appearance and Odor:COLORLESS LIQUID W/SLIGHT ETHEREAL ODOR.
Percent Volatiles by Volume:NP
Corrosion Rate:NP

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

Stability Indicator/Materials to Avoid:YES
ALUMINUM THREADED CONNECTIONS WHERE GALLING/SEIZURE MAY INITIATE
RX.REACTS W/METALS LIKE SODIUM & POTASSIUM, (SUPPLEMEN)
Hazardous Decomposition Products:DECOMPOSES ABOVE 260C TO TOXIC
COMPOUNDS.

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

Waste Disposal Methods:MAY BE

INCINERATED BY LICENSED WASTE DISPOSAL
COMPANY. OBSERVE ALL LOCAL, STATE AND FEDERAL REGULATIONS.

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