

HALOCARBON PRODUCTS CORPORATION -- DODL24574(SH)TYPE I -- 9150-01-101-8834

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

Product ID:DODL24574(SH)TYPE I

MSDS Date:02/26/1993

FSC:9150

NIIN:01-101-8834

Status Code:A

MSDS Number: CJDWK

=== Responsible Party ===

Company Name:HALOCARBON PRODUCTS CORPORATION

Box:661

City:RIVER EDGE

State:NJ

ZIP:07661

Country:US

Info Phone Num:201-262-8899

Emergency Phone Num:803-27

8-3504

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

Contract Num:SP045099MB053

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 SPECIFIED 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:PRODUCT CONTAINS COMPLEX MIXTURE OF LOW POLYMERS OF CHLOROTRIFLUOROETHYLENE (CTFE) WHOSE COMPOSITION MAY VARY FROM BATCH TO BATCH. BASED ON ALL AVAILABLE TOXICITY DATA ON 3.1CS (100F) CTFE OIL CHLOROT RIFLUORETHYLENE OILS SHOULD NOT BE HARMFUL TO ANY PORTION OF HUMAN ANATOMY.

Explanation of Carcinogenicity:PER MSDS:CARCINOGENICITY LISTING:NTP/IARC/OSHA/OTHER:NO.

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

Medical Cond Aggravated by Exposure:NONE KNOWN.

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

First Aid:INHALATION: REMOVE TO FRESH AIR. GIVE ARTIFICIAL RESPIRATION IF NECESSARY. SKIN: WASH WITH SOAP & WATER. EYES: FLUSH WITH WATER FOR AT LEAST 15 MINS. ORAL: INDUCE VOMITING. SEEK MEDICAL ATTENTION.

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

Flash Point:NONE

Extinguishing Media:NON-FLAMMABLE. USE AGENT APPROPRIATE FOR SURROUNDINGS.

Fire Fighting Procedures:WEAR SELF-CONTAINED BREATHING APPARATUS IF THERE IS DANGER OF LEAKAGE IN FIRE.

Unusual Fire/Explosion Hazard:THERMAL DEOCMPOSITION PRODUCTS ARE TOXIC & CORROSIVE.

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

Spill Release Procedures:SPILLS MAY BE PICKED UP WITH AN ABSORBENT SUCH AS VERMICULITE.

Neutralizing Agent:NONE SPECIFIED BY MANUFACTURER.

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

Handling and Storage Precautions:NONE SPECIFIED BY MANUFACTURER.

Other Precautions:PROPER VENTILATION/WORK PRACTICES SHOULD BE EMPLOYED.

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

Ventilatio

n:GENERAL ROOM VENTILATION PLUS LOCAL EXHAUST AT POINTS OF EMISSION.

Protective Gloves:IMPERVIOUS GLOVES.

Eye Protection:SAFETY GLASSES OR GOGGLES.

Other Protective Equipment:NONE NORMALLY REQUIRED.

Work Hygienic Practices:WASH HANDS AFTER HANDLING.

Supplemental Safety and Health

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

HCC:V6

Boiling Pt:B.P. Text:DECOMPOSES >200C

Decomp Temp:>200.C, 392.F

Vapor Density:N/DETERMIN

Spec Gravity:CA 2

Solubility in Water:NEGLIGIBL

E

Appearance and Odor:COLORLESS WITH FAINT ODOR.

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

Stability Indicator/Materials to Avoid:YES

ALUMINUM THREADED CONNECTIONS WHERE GALLING & SEIZURE MAY OCCUR. REACTS W/ AMINES & ACTIVE METALS SUCH AS SODIUM & POTASSIUM.

Hazardous Decomposition Products:DECOMPOSES ABOVE 200C TO ACIDIC, TOXIC COMPOUNDS.

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

Waste Disposal Methods:MAY BE INCINERATED BY LICEN

SED WASTE DISPOSAL

COMPANY. OBSERVE ALL LOCAL, STATE AND FEDERAL 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, expressly or implied, warrants this information to be accurate and disclaims all liability for its use. Any person utilizing this

d

ocument should seek competent professional advice to verify and assume responsibility for the suitability of this information to their particular situation.