

E I DUPONT DE NEMOURS & CO INC -- KRYTOX 143 SERIES & GPL FLUORINATED OILS, 143AB --
9150-01-241-0372

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

Product ID:KRYTOX 143 SERIES & GPL FLUORINATED OILS, 143AB

MSDS Date:06/11/1986

FSC:9150

NIIN:01-241-0372

MSDS Number: CCPJD

=== Responsible Party ===

Company Name:E I DUPONT DE NEMOURS & CO INC

Address:1007 MARKET ST

City:WILMINGTON

State:DE

ZIP:19898

Country:U

S

Info Phone Num:800-441-7515

Emergency Phone Num:800-441-3637;800-424-9300(CHEMTREC)

Preparer's Name:J.J. GRAHAM

CAGE:0ERJ7

=== Contractor Identification ===

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

Address:1007 MARKET STREET

City:WILMINGTON

State:DE

ZIP:19898

Country:US

Phone:800-441-7515

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Address:1007 MARKET STREET

Box:City:WILMINGTON

State:DE

ZIP:19898

Country:US

Phone:800-441-7515;800-441-9442

CAGE:18873

===== Composition/Inf

ormation on Ingredients =====

Ingred Name:FLUORINE END-CAPPED HOMOPOLYMERS OF HEXAFLUOROPROPYLENE
EPOXIDE

Fraction by Wt: 100%

OSHA PEL:N/K

ACGIH TLV:N/K

Ingred Name:SUPP DATA:PRODUCTS. PLACE IN CONTAINER FOR DISPOSAL.
RTECS #:9999999ZZ

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

LD50 LC50 Mixture:NONE SPECIFIED BY MANUFACTURER.

Routes of Entry: Inhalation:YES Skin:YES Ingestion:YES

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

Health Hazards

Acute and Chronic:MAY CAUSE MILD EYE & SKIN IRRIT. INHAL

OF SMOKE FROM TOBACCO CONTAM W/THIS CMPD MAY CAUSE THROAT IRRIT,
COUGH & TIGHTNESS IN CHEST. KNOWN PHYSIOLOGICAL EFTS OF SEPARATE
INGS OF THESE MATLS INDICATE VE RY LOW ORDER OF TOX IN ANIMALS BY
SKIN CONT; BY INGEST; &, AT ROOM TEMP, BY INHAL. DECOMP PRODS
FORMED (EFTS OF OVEREXP)

Explanation of Carcinogenicity:NOT RELEVANT

Effects of Overexposure:HLTH HAZ:AT TEMPS >260C(500F) ARE IRRIT TO
LUNGS OF ANIMALS. PULM ED

EMA & DEATH OCCURRED IN RATS EXPOS TO

DECOMP PRODS FORMED AT AROUND 290C(554F). EFTS IN HUMANS FROM
OVEREXP BY INHAL OF DECOMP PRODS FORMED AT AROUND 290C(554F) MAY
REQ TREATMENT OF LUNG IRRIT FOR FLUORINE CMPDS WHICH CAN CAUSE
DELAYED PULM (SUPP DATA)

Medical Cond Aggravated by Exposure:NONE SPECIFIED BY MANUFACTURER.

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

First Aid:INHAL:REMOVE TO FRESH AIR. IF NOT BRTHG, GIVE ARTF RESP, PREF
MOUTH-TO-MOUTH.

IF BRTHG IS DFCLT, GIVE OXYG & CALL MD. SKIN:FLUSH

W/WATER AFTER PRLNG/RPTD CONT. EYES:IMMED FLUSH W/PLENTY OF WATER
FOR A T LST 15 MINS. CALL MD. INGEST:DO NOT INDUCE VOMIT. IMMED
GIVE TWO GLASSES OF WATER/ACTIVATED CHARCOAL SLURRY. NEVER GIVE
ANYTHING BY MOUTH TO UNCON PERS. INSTRUCTIONS TO MDS:TO PREPARE
(SUPP DATA)

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

Flash Point Method:PMCC

Extinguishing Media:AS APPROPRIATE FOR COMBUSTIBLES IN AREA.

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Fire Fighting Procedures:USE NIOSH APPRVD SCBA & FULL PROT EQUIP .
EVACUATE PERS TO SAFE AREA. DECOMP AT FLAME TEMPS MAY FORM TOXIC
FLUORINE COMPOUNDS. AVOID BRTHG DECOMP PRODS.
Unusual Fire/Explosion Hazard:NON-COMBUSTIBLE. DOES NOT IGNITE.

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

Spill Release Procedures:NOTE:REVIEW FIRE & EXPLO HAZS & SFTY PRECS
BEFORE PROCEEDING W/CLEAN UP. USE APPROP PERSONAL PROT EQUIP DURING
CLEAN UP. SOAK UP W/SAWDUST, SAND, OIL DRY/OTHER ABSORB MATL.
REMOVE SOURCE OF HEAT & FLAME. AT 260-290C, FORMS POTNTLY TOX
(SUPP DATA)
Neutralizing Agent:NONE SPECIFIED BY MANUFACTURER.

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

Handling and Storage Precautions:KEEP CONTAINER TIGHTLY CLOSED. DO NOT
STORE OR CONSUME FOOD, DRINK OR TOBACCO IN AREA WHERE THEY MAY
BECOME CONTAMINATED W/THIS MATERIAL.
Other Precautions:PROVIDE ADEQUATE VENTILATION. KEEP AWAY FROM HEAT &
FLAMES. AVOID CONTACT W/EYES & SKIN.

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

Respiratory Protection:NIOSH APPROVED RESPIRATOR APPROPRIATE FOR
EXPOSURE OF CONCERN .
Ventilation:PROVIDE ADEQUATE VENTILATION.
Protective Gloves:IMPERMEABLE GLOVES.
Eye Protection:ANSI APPROVED CHEM WORKERS GOGGLES .
Other Protective Equipment:EYE WASH FOUNTAIN & DELUGE SHOWER WHICH MEET
ANSI DESIGN CRITERIA .
Work Hygienic Practices:WASH THOROUGHLY AFTER HANDLING.
Supplemental Safety and Health
EFFECTS
OF OVEREXPOSURE:EDEMA. PROLONGED SKIN CONTACT MAY CAUSE REDNESS & INFLAMMATION OF
HAIR FOLLICLES W/OUT SKIN SENSIT. FIRST AID PROC:ACTIVATED CHARCOAL
SLURRY, SUSPEND 50 G ACTIVATED CHARCOAL IN 400 ML WATER IN PLASTIC
BOTTLE & SHAKE WELL. ADMIN 5 ML/KG, OR 350 ML FOR AVG ADULT. SPILL
PROC:FLUORINE COMPOUNDS. AVOID BRTHG DECOMP (ING 2)

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

Spec Gravity:1.86-1.91
pH:NEUTRAL
Solubility in Water:NEGLIGIBLE
Appearance and Odor:COLORLESS LIQUID

ID, VISCOUS OIL; ODORLESS.

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

Stability Indicator/Materials to Avoid: YES

MAY DEPOLYMERIZE IN PRESENCE OF SOME METAL OXIDES AT ABOVE 288C (550F).

Stability Condition to Avoid: DECOMPOSITION OCCURS AT INCREASING RATES
AT TEMPERATURES RAISED ABOVE 355C (670F).

Hazardous Decomposition Products: DECOMPOSITION AT FLAME TEMPERATURES
MAY FORM TOXIC FLUORINE COMPOUNDS.

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

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Waste Disposal Methods: TREATMENT, STORAGE, TRANSPORTATION & DISPOSAL
MUST BE I/A/W FEDERAL, STATE & LOCAL REGULATIONS. RECOVER NONUSABLE
FREE LIQUID & DISPOSE OF IN AN APPROVED & PERMITTED INCINERATOR. DO
NOT FLUSH TO SURFACE WASTE OR SANITARY SEWER SYSTEM.

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