

DUPONT -- KRYTOX 240 SERIES FLUORINATED GREASE (SEE SUPP) -- 9150-01-007-4384

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

Product ID:KRYTOX 240 SERIES FLUORINATED GREASE (SEE SUPP)

MSDS Date:05/05/1995

FSC:9150

NIIN:01-007-4384

MSDS Number: CKMRH

=== Responsible Party ===

Company Name:DUPONT

Address:1007 MARKET STREET

City:WILMINGTON

State:DE

ZIP:19898-5000

Country:US

Info Phone Num:PROD 800-441-7515 MED: 8004413637

Emergency Phone Num:800-424-9300

Resp. Party Other MS

DS Num.:DU008138

Chemtrec Ind/Phone:(800)424-9300

CAGE:EO596

=== Contractor Identification ===

Company Name:DUPONT

Address:1007 MARKET STREET

City:WILMINGTON

State:DE

ZIP:19898-5000

Country:US

Phone:PROD 800-441-7515 MED: 8004413637

Contract Num:SP0450-01-M-LK15

CAGE:EO596

Company Name:SDB CONSULTANTS LTD

Address:401 WHITNEY AVE SUITE 120

Box:City:GRETN

State:LA

ZIP:70056

Country:US

Phone:504-366-9105

Contract Num:SP0450-00-M-C262

CAGE:0PGK2

===== Composition/Information on Ingredient

S =====

Ingred Name:PERFLUOROALKYLETHER

CAS:60164-51-4

Minumum % Wt:73.

Maxumum % Wt:82.

Ingred Name:PTFE

CAS:9002-84-0

RTECS #:KX4025000

Minumum % Wt:18.

Maxumum % Wt:27.

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

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

Health Hazards Acute and Chronic:SKIN CONTACT MAY CAUSE IRRITATION WITH DISCOMFORT OR RASH. PROLONGED CONTACT MAY CAUSE REDNESS & INFLAMMATION OF HAIR FOLLICLES WITHOUT SKIN SENSITIZATI

ON. EYE

CONTACT MAY CAUSE EYE IRRITATION WITH D ISCOMFORT, TEARING OR BLURRING OF VISION. INHALATION OF FLUORINE COMPOUNDS RELEASED AS DECOMPOSITION PRODUCTS >290 C (554F) MAY CAUSE LUNG IRRITATION & PULMONARY EDEMA WHICH REQUIRE MEDICAL TREATMENT. INHALATION OF FUMES OR SMOKE FROM OVERHEATED OR BURNING GREASE MAY CAUSE POLYMER FUMEE FEVER, A TEMPORARY FLU-LIKE ILLNESS ACCOMPANIED BY FEVER, CHILLS, & SOMETIMES COUGH, OF ~24 HOURS DURATION. REP EATED EPISODES MAY

CAUSE LUNG DAMAGE.

Explanation of Carcinogenicity:NONE OF THE COMPONENTS PRESENT IN THIS MATERIAL AT CONCENTRATIONS EQUAL TO OR GREATER THAN 0.1% ARE LISTED BY IARC, NTP, OSHA OR ACGIH AS A CARCINOGEN.

Effects of Overexposure:SKIN CONTACT: SKIN IRRITATION, DISCOMFORT OR RASH, REDNESS AND INFLAMMATION OF THE HAIR FOLLICLES. EYE CONTACT: EYE IRRITATION , DISCOMFORT, TEARING OR BLURRING OF VISION. INHALATION: LUNG IRRITATION AND FEVER, CHILLS, AND SOMETIMES COUGH.

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

First Aid:INHALATION: IF INHALED, REMOVE TO FRESH AIR. IF NOT BREATHING, GIVE ARTIFICAL RESPIRATION. IF BREATHING IS DIFFICULT, GIVE OXYGEN. CALL A PHYSICIAN. SKIN: FLUSH SKIN WITH WATER AFTER CONTACT. WASH CON TAMMINATED CLOTHING BEFORE REUSE. EYE: IN CASE OF CONTACT, IMMEDIATELY FLUSH EYES WITH PLENTY OF WATER FOR AT LEAST 15 MINUTES. CALL A PHYSICIAN. INGESTION: IF SWALLOWE, DO NOT INDUCE VOMITING. IMMEDI

ATELY GIVE 2 GLASSES OF WATER. NEVER GIVE ANYTHING
BY MOUTH TO AN UNCONSCIOUS PERSON. CALL A PHYSICIAN.

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

Flash Point Method:PMCC
Flash Point:DOES NOT IGNITE
Extinguishing Media:AS APPROPRIATE FOR COMBUSTIBLES IN AREA.
Fire Fighting Procedures:WEAR SELF-CONTAINED BREATHING APPARATUS. WEAR
FULL PROTECTIVE EQUIPMENT. DECOMPOSITION AT FLAME TEMPERATURES MAY
FORM TOXIC FLUORINE COMPOUNDS. AVOID BREATHING DECOMPOSITION
PRODUCTS.

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

Spill Release Procedures:PLACE IN CONTAINER FOR DISPOSAL. REMOVE SOURCE
OF HEAT AND FLAME.

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

Handling and Storage Precautions:STORAGE: KEEP CONTAINER TIGHTLY
CLOSED. DO NOT STORE OR CONSUME FOOD, DRINK OR TOBACCO IN AREAS
WHERE THEY MAY BECOME CONTAMINATED WITH THIS MATERIAL. KEEP AWAY
FROM HEAT AND FLAMES TO AVOID DECOMPOSITION
PRODUCT.
Other Precautions:HANDLING: AVOID CONTACT WITH EYES. AVOID CONTACT WITH
SKIN. WASH THOROUGHLY AFTER HANDLING. DO NOT STORE OR CONSUME FOOD,
DRINK OR TOBACCO IN AREAS WHERE THEY MAY BECOME CONTAMINATED WITH
THIS MATERIAL .

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

Respiratory Protection:WHERE THE POTENTIAL EXISTS FOR EXPOSURE TO
DECOMPOSITION PRODUCTS DUE TO HEATING OR ELEVATED TEMPERATURES,
WEAR NIOSH/MSHA APPROVED RESPIRATORY PROTECTION AS
APPROPRIATE.
Protective Gloves:IMPERVIOUS GLOVES.
Eye Protection:SAFETY GLASSES OR COVERALL CHEMICAL SPLASH GOGGLES.
Other Protective Equipment:WHERE THERE IS POTENTIAL FOR SKIN CONTACT
HAVE AVAILABLE AND WEAR AS APPROPRIATE, IMPERVIOUS GLOVES, APRON,
PANTS AND JACKET.
Work Hygienic Practices:KEEP CONTAINER TIGHTLY CLOSED. KEEP AWAY FROM
HEAT AND FLAMES.
Supplemental Safety and Health
NOTES TO PHYSICIAN: ACTIVATED CHARCOAL MIXTURE MAY BE ADMINISTERED. TO
PREPARE ACTIVATED CHAR

COAL MIXTURE, SUSPEND 50 GRAMS ACTIVATED
CHARCOAL IN 400 ML WATER AND MIX THOROUGHLY. ADMINISTER 5 ML/KG,
OR 350 ML FOR AN AVERAGE ADULT.

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

HCC:N1

Melt/Freeze Pt:=-320.C, 608.F

Spec Gravity:1.89-1.93 @24C

pH:NEUTRAL

Solubility in Water:NEGLIGIBLE

Appearance and Odor:SOLID, WHITE WAXY GREASE; ODORLESS

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

Stability Indicator/Materials to Avoid:YES

NONE REA

SONABLY FORESEEABLE.

Hazardous Decomposition Products:HEATING ABOVE 260-290 C MAY FORM
POTENTIALLY TOXIC FLUORINE COMPOUNDS.

===== Toxicological Information =====

Toxicological Information:ANIMAL DATA: PERFLUOROALKYLETHER: INHALATION
4 HOUR ALC: 19.54 MG/L IN RATS> SKIN ABSORPTION ALD: >17,000 MG/KG
IN RATS. ORAL ALD: >25,000 MG/KG IN RATS. A SINGLE INHALATION
EXPOSURE TO PTFE CAUSED IRRITATION OF THE LUNGS. A REPEATED
INGESTION EXPOSURE CAUSED
NO SIGNIFICANT TOXICOLOGICAL EFFECTS.
LONG-TERM INGESTION EXPOSURE CAUSED ALTERED WHITE BLOOD CELL COUNT.

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

Waste Disposal Methods:TREATMENT, STORAGE, TRANSPORTATION, AND DISPOSAL
MUST BE IN ACCORDANCE WITH APPLICABLE FEDERAL, STATE/PROVINCIAL,
AND LOCAL REGULATIONS. SO NOT FLUSH TO WATER OR SANITARY SEWER
SYSTEM.

===== MSDS Transport Information =====

Transport Information:PROPER

SHIPPING NAME: NOT REGULATED.

===== Regulatory Information =====

SARA Title III Information:TITLE III HAZARD CLASSIFICATION SECTIONS
311, 312: ACUTE-YES.
Federal Regulatory Information:TSCA INVENTORY STATUS:
REPORTED/INCLUDED.

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