
"KRYTOX" 240 SERIES GRADE AY FLUORINATED GR

MSDS Number

BKNPW

National Stock Number

9150-00N015203

Product Name

"KRYTOX" 240 SERIES GRADE AY FLUORINATED GR

Manufacturer

E I DUPONT DE NEMOURS AND CO

Product Identification

Product ID:"KRYTOX" 240 SERIES GRADE AY FLUORINATED GR

MSDS Date:11/01/1988

FSC:9150

NIIN:00N015203

MSDS Number: BKNPW

Responsible Party

E I DUPONT DE NEMOURS & CO

1007 MARKET STREET

WILMINGTON , DE 19898

US

Emergency Phone: 800-441-3637

Info Phone: 800-441-7515

Preparer: J J GRAHAM

Cage: 0ERJ7

Contractor

E.I. DUPONT DE NEMOURS & CO

WILMINGTON, DE 19898

US

800-441-7515;800-441-9442

Cage: 18873

Ingredients

IRRIT. INHAL OF DECOMP PRODS FORMED AROUND 290C

RTECS: 9999999ZZ

FLUORINE COMPOUNDS WHICH CAN CAUSE DELAYED PULMONARY

RTECS: 9999999ZZ

PERFLUOROALKYLETHER

CAS: 60164-51-4

Fraction By Weight: 85%

TELOMERS OF TETRAFLUOROETHYLENE

CAS: 79070-11-4

Fraction By Weight: 15%

TO PREPARE ACTIVATED CHARCOAL SLURRY,

RTECS: 9999999ZZ

PLASTIC BOTTLE AND SHAKE WELL. ADMINISTER 5 ML/KG,

RTECS: 9999999ZZ

Hazards

LD50 LC50 Mixture:SEE HEALTH HAZARDS

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

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

Health Hazards Acute and Chronic:MAY CAUSE MILD SKIN & EYE IRRIT. INHAL OF SMOKE/FUMES OF BURNING FLUOROCARBON /FLUOROCARBON-CONTAM CIGARETTES/TOBACCO MAY CAUSE POLYMER FUME FEVER, A FLU-LIKE CONDITION WHICH OCCURS SEV HRS AFTER EXPOS & SUBSIDES WITHIN 24 HRS EVEN IN ABSENCE OF TREATMENT. POLYMER FUME FEVER DOES NOT CAUSE (SEE EFTS OF OVEREXPOS)

Explanation of Carcinogenicity:NOT RELEVANT

Effects of Overexposure:HLTH HAZ: PERMANENT INJURY & EFTS ARE NOT CUMULATIVE. THE KNOWN PHYSIOLOGICAL EFTS OF SEPARATE INGRED OF THESE MATLS INDICATE A VERY LOW ORDER OF TOX AT ROOM TEMP BY SKIN CONT (ALD > 17,000 MG/KG, RBT S); BY INGEST (ALD > 25,000 MG/KG, RATS); & BY INHAL (4 HR ALC 19.54 MG/L, RATS). PRLNG SKIN CONT MAY CAUSE (SUPP DATA)

Medical Cond Aggravated by Exposure:NONE SPECIFIED BY MANUFACTURER.

First Aid

First Aid:INHAL: IF INHALED, REMOVE TO FRESH AIR. IF NOT BRTHG, GIVE ARTF RESP. IF BRTHG IS DFCLT, GIVE OXYGEN & CALL MD. SKIN: FLUSH W/WATER AFTER PRLNG/RPTD CONT. EYE: IN CASE OF CONT, IMMED FLUSH W/PLENTY OF WATER FOR AT LEAST 15 MIN. CALL MD. INGEST: DO NOT INDUCE VOMIT. IMMED GIVE TWO GLASSES OF WATER, OR ACTIVATED CHARCOAL SLURRY. NEVER GIVE ANYTHING BY MOUTH TO UNCON PERSON. NOTE TO PHYS: (SEE ING 3)

Fire Fighting

Flash Point Method:PMCC

Flash Point:DOES NOT IGNITE

Extinguishing Media:AS APPROPRIATE FOR COMBUSTIBLES IN AREA.

Fire Fighting Procedures:USE NIOSH/MSHA APPRVD SCBA & FULL PROT EQUIP . EVAC PERS TO SAFE AREA. DECOMP AT FLAME TEMPS MAY FORM TOX FLUORINE CMPDS. AVOID BRTHG DECOMP PRODS.

Unusual Fire/Explosion Hazard:NON-COMBUSTIBLE.

Accidental Release

Spill Release Procedures:REVIEW FIRE & EXPLOS HAZ & SAFETY PREC BEFORE PROCEEDING W/CLEAN UP. USE APPROP PERSON PROT EQUIP DURING CLEAN UP. REMOVE SOURCE OF HEAT & FLAME. AT 260-290C FORMS POTENTIALLY TOX FLUORINE CMPDS. AVOID BRTHG DECOMP PRODS. PLACE IN CNTNR FOR DISP.

Neutralizing Agent:NONE SPECIFIED BY MANUFACTURER.

Handling

Handling and Storage Precautions:KEEP CNTNR TIGHTLY CLSD. DO NOT STORE/CONSUME FOOD, DRINK OR TOBACCO IN AREAS WHERE THEY MAY BECOME CONTAM W/THIS MATL. KEEP AWAY FROM HEAT & FLAMES.

Other Precautions:AVOID CONT W/EYES. AVOID CONT W/SKIN. WASH THORO AFTER HANDLING. DECOMP: MAY DEPOLYMERIZE IN PRESENCE OF SOME METAL OXIDES AT ABOVE 288C (550F). DECOMP OCCURS AT INCREASING RATES AS TEMP IS RAISED ABOVE 355C (670F).

Exposure Controls

Respiratory Protection: NIOSH/MSHA APPROVED RESPIRATOR APPROPRIATE FOR EXPOSURE OF CONCERN .

Ventilation: PROVIDE ADEQUATE VENTILATION.

Protective Gloves: IMPERMEABLE.

Eye Protection: CHEMICAL WORKERS GOGGLES .

Other Protective Equipment: NONE SPECIFIED BY MANUFACTURER.

Work Hygienic Practices: NONE SPECIFIED BY MANUFACTURER.

Supplemental Safety and Health

EFTS OF OVEREXP: REDNESS & INFLAM OF HAIR FOLLICLES W/O SKIN SENSIT. DECOMP PRODS FORMED AT TEMPS ABOVE 260C (500F) ARE IRRIT TO LUNGS OF ANIMALS. PULMONARY EDEMA & DEATH OCCURRED IN RATS EXPOSED TO DECOMP PRODS FORMED AT AROUND 290C (554F). EFTS IN HUMANS FROM OVEREXP BY INHAL OF DECOMP PRODS MAY INCLUDE (SEE ING 4)

Chemical Properties

HCC: V6

Melt/Freeze Pt: M.P/F.P Text: 608F, 320C

Spec Gravity: 1.89-1.93@24C

pH: NEUT

Solubility in Water: NEGLIGIBLE

Appearance and Odor: ODORLESS, SOLID, WHITE WAXY GREASE.

Stability

Stability Indicator/Materials to Avoid: YES

NONE REASONABLY FORESEEABLE.

Stability Condition to Avoid: NONE SPECIFIED BY MANUFACTURER.

Hazardous Decomposition Products: SEE HEALTH HAZARD AND OTHER PRECAUTION SECTIONS FOR ADDITIONAL INFORMATION.

Disposal

Waste Disposal Methods: TREATMENT, STORAGE, TRANSPORTATION & DISP MUST BE I/A/W APPLICABLE FED, ST/PROVINCIAL, & LOCAL REGS. DO NOT FLUSH TO SURFACE WATER OR SANITARY SEWER SYSTEM. RECOVER NONUSABLE SOLID, WAXY GREASE & DISP USE OF IN APPRVD & PERMITTED INCINERATOR.

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