

ZONYL UR FLUOROSURFACTANT, DU004615

MSDS Number

BPXLJ

National Stock Number

6850-00N034233

Product Name

ZONYL UR FLUOROSURFACTANT, DU004615

Manufacturer

DU PONT

Product Identification

Product ID:ZONYL UR FLUOROSURFACTANT, DU004615

MSDS Date:01/04/1991

FSC:6850

NIIN:00N034233

MSDS Number: BPXLJ

Responsible Party

DU PONT

1007 MARKET ST

WILMINGTON , DE 19898

US

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

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

Preparer: R.V. DAUM

Cage: 25827

Contractor

E.I. DUPONT DE NEMOURS & CO

WILMINGTON, DE 19898

US

800-441-7515;800-441-9442

Cage: 18873

Ingredients

1)

CAS: 65530-61-2

Fraction By Weight: 45-55%

1)

CAS: 65530-62-3

Fraction By Weight: 45-55%

Hazards

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:ANIMAL DATA:PRODUCT IS CORROSIVE TO SKIN, IS CORR IN EYES AND IS UNTESTED FOR SKIN SENSIT IN ANIMALS.

EFTS IN ANIMALS FROM EXPOS BY INHALATION, INGESTION OR SKIN CONTACT

HAVE NOT BEEN DETERMINED. THERE ARE NO ANIMAL TEST REPORTS AVAILABLE TO DEFINE CARCINOGENIC, MUTAGENIC, EMBRYOTOXIC REPROD HAZ. HUMAN(EFTS OF OVEREXP)
Explanation of Carcinogenicity:NOT RELEVANT
Effects of Overexposure:HLTH HAZ: EFTS OF OVEREXP:SKIN CONT MAY CAUSE SKIN IRRIT W/DISCOMFORT/RASH; OR SKIN BURNS/ULCERATION.EYE CONT MAY CAUSE EYE IRRIT W/DISCOMFORT, TEARING, OR BLURRING VISION;OR EYE CORR W/CORNEAL/CONJUNCTIVA ULCERATION. OTHERWISE, NO ACCEPTABLE INFO IS AVAIL TO CONFIDENTLY PREDICT HUMAN HLTH EFTS OF OVEREXP TO PRODUCT.
Medical Cond Aggravated by Exposure:NONE SPECIFIED BY MANUFACTURER.

First Aid

First Aid:INHAL:REMOVE TO FRESH AIR. IF NOT BRTHG, GIVE ARTIF RESP. IF BRTHG IS DFCLT, GIVE O*2. CALL MD. SKIN:IMMED FLUSH W/PLENTY OF WATER FOR AT LEAST 15 MIN WHILE REMOVING CONTAM CLTHG & SHOES. CALL MD. WAS H CONTAM CLTHG BEFORE REUSE. EYE:IMMED FLUSH W/PLENTY OF WATER FOR AT LEAST 15 MIN. CALL MD. INGEST:DO NOT INDUCE VOMIT. IMMED GIVE 2 GLASSES OF WATER. NEVER GIVE ANYTHING BY MOUTH TO AN (SUPDAT)

Fire Fighting

Flash Point Method:PMCC
Flash Point:DOES NOT IGNITE
Extinguishing Media:WATER SPRAY, FOAM, DRY CHEMICAL, CARBON DIOXIDE.
Fire Fighting Procedures:USE NIOSH/MSHA APPROVED SCBA AND FULL PROTECTIVE EQUIPMENT . EVACUATE PERSONNEL TO A SAFE AREA. AVOID BREATHING DECOMPOSITION PRODUCTS.
Unusual Fire/Explosion Hazard:NON COMBUST. HEATING >200C (392F)/IN FIRE CONDITIONS TOX DECOMP PRODS MAY BE FORMED. THESE PRODS MAY CAUSE SEV EYE, NOSE, THROAT & LUNG IRRIT. USE ADEQ VENT.

Accidental Release

Spill Release Procedures:REVIEW FIRE AND EXPLOSION HAZARDS AND SAFETY PRECAUTIONS BEFORE PROCEEDING WITH CLEAN UP. USE APPROPRIATE PERSONAL PROTECTIVE EQUIPMENT DURING CLEAN UP. SOAK UP WITH SAWDUST, SAND, OIL DRY OR OTHER AB SORBENT MATERIAL. SHOVEL OR SWEEP UP.
Neutralizing Agent:NONE SPECIFIED BY MANUFACTURER.

Handling

Handling and Storage Precautions:USE ONLY WITH ADEQUATE VENTILATION. KEEP CONTAINER TIGHTLY CLOSED.
Other Precautions:VENT DRYER FUMES OUTSIDE WORK AREA. KEEP AWAY FROM OPEN FLAMES & HEATED SURFACES ABOVE 200C, (392F). DO NOT GET IN EYES, ON SKIN OR ON CLOTHING.

Exposure Controls

Respiratory Protection:USE NIOSH/MSHA APPROVED RESPIRATOR APPROPRIATE FOR EXPOSURE OF CONCERN .
Ventilation:USE ONLY WITH ADEQUATE VENTILATION.
Protective Gloves:IMPERVIOUS GLOVES .
Eye Protection:CHEM WORK GOG/FULL LGTH FACESHLD .
Other Protective Equipment:APRON, PANTS AND JACKET. EMERGENCY EYEWASH AND DELUGE SHOWER .
Work Hygienic Practices:WASH THOROUGHLY AFTER HANDLING.
Supplemental Safety and Health
PH: STRONG ACID. DECOMP PROD:AND LUNG IRRIT. USE ADEQ VENT. FIRST AID PROC:UNCONSCIOUS PERSON. CALL MD. NOTE TO MD:ACTIVATED CHARCOAL SLURRY MAY BE ADMINISTERED. TO PREPARE ACTIVATED CHARCOAL SLURRY, SUSPEND 50 GRAMS ACTIVATED CHARCOAL IN 400ML H*2O AND MIX THOROUGHLY. ADMINISTER 5ML/KG/350ML FOR AN AVERAGE ADULT.

Chemical Properties

HCC:C1
Melt/Freeze Pt:M.P/F.P Text:>158F,>70C
Spec Gravity:1.8

pH: SUPDAT
Solubility in Water: NEGLIGIBLE
Appearance and Odor: DARK TAN WAXY SOLID WITH A BLAND ODOR.

Stability

Stability Indicator/Materials to Avoid: YES
INCOMPATIBLE WITH REACTIVE METALS, ESPECIALLY POWDERED METALS.
Stability Condition to Avoid: NONE SPECIFIED BY MANUFACTURER.
Hazardous Decomposition Products: HEATING >200C (392F)/IN FIRE CONDITIONS
TOXIC DECOMPOSITION PRODUCTS MAY BE FORMED. PRODUCTS MAY CAUSE SEVERE EYE, NOSE,
THROAT, (SUPDAT)

Disposal

Waste Disposal Methods: TREATMENT, STORAGE, TRANSPORTATION AND DISPOSAL
MUST BE IN ACCORDANCE WITH APPLICABLE FEDERAL, STATE/PROVINCIAL AND
LOCAL REGULATIONS.

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