

CIBA-GEIGY CORPORATION, FURANE PRODUCTS DIVISION -- FPC0078 URALANE 5750 B (LV) --
5970-00-242-0505

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

Product ID:FPC0078 URALANE 5750 B (LV)

MSDS Date:10/27/1994

FSC:5970

NIIN:00-242-0505

Kit Part:Y

MSDS Number: BXYSF

==== Responsible Party ====

Company Name:CIBA-GEIGY CORPORATION, FURANE PRODUCTS DIVISION

Address:5121 SAN FERNANDO RD WEST

City:LOS ANGELES

State:CA

ZIP:90039-1011

Country:US

Info Phone Num:818-247-6210, FAX 818-507-0167

Emergency Phone Num:818-247-6210, 800-334-9481

Preparer's Name:RAJESH S. PATEL

CAGE:99384

==== Contractor Identification ====

Company Name:CIBA SPECIALTY CHEMICALS CORP, N. A. / PERFORMANCE
POLYMERS

Address:5121 SAN FERNANDO RD WEST

Box:City:LOS ANGELES

State:CA

ZIP:90039-1011

Country:US

Phone:818-247-6210/800-873-1138

CAGE:99384

=====
Composition/Information on Ingredients
=====

Ingred Name:HYDROXY TER

MINATED POLYOLS

CAS:69102-90-5

Other REC Limits:NONE SPECIFIED

Ingred Name:TOLUENE (SARA III)

CAS:108-88-3

RTECS #:XS5250000

Other REC Limits:NONE SPECIFIED

OSHA PEL:200 PPM/150 STEL

ACGIH TLV:50 PPM; 9293

EPA Rpt Qty:1000 LBS

DOT Rpt Qty:1000 LBS

Ingred Name:METHYL ETHYL KETONE (2-BUTANONE) (MEK) (SARA III)

CAS:78-93-3

RTECS #:EL6475000

Other REC Limits:NONE SPECIFIED

OSHA PEL:200 PPM/300 STEL

ACGIH TLV:200 PPM/300STEL 9192

EPA Rpt Qty:5000 LBS

DOT Rpt Qty:5000 LBS

ROXYPROPYL)-ANILINE

CAS:3077-13-2

Other REC Limits:NONE RECOMMENDED

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

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

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

Health Hazards Acute and Chronic:INHAL:OVEREXPO IRRIT NOSE/THORAT.HIGH

VAP CONCEN MAY CAUSE CNS DEPRESS.EYE:LIQ/HIGH VAP CONCEN IRRIT

EYES.SKIN:LIQ CAN CAUSE MODERATE IRRIT

W/DEFATTING,DRYING,SPLITTING,CRACKING.INGEST:SUBSTANCE CAN C AUSE

GASTROINTESTINAL IRRIT,NAU,VOMIT,DIARR.DELAYED EFFECTS:PROL/REP

EXPO CAN CAUSE LIVER,KIDNEY,CNS EFFECTS.(SUPPLEME)

Explanation of Carcinogenicity:PER MSDS:CHEM PRESENT NOT CONSIDERED TO

BE CARCINOGENIC BY NTP/IARC/OSHA.CONTAINS CHEM KNOWN TO STATE OF

CAUSE DEF/HARM.

Effects of Overexposure:IRRIT NOSE/THROAT. CNS DEPRESSION. EYE IRRIT.

MODERATE SKIN IRRIT W/DEFATTING,DRYING,SPLITTING,CRACKING.

GASATROINTESTINAL IRRIT,NAUSEA,VOMIT,DIARR. LIVER,KIDNEY,CNS

EFFECTS. ALLERGI

C REACTION.

Medical Cond Aggravated by Exposure:ALLERGY, ECZEMA, EYE OR RESPIRATORY

CONDITIONS.

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

First Aid:INHAL:MOVE SUBJ TO FRESH AIR.BREATH STOP GIVE ART RESP.

EYE/SKIN CONTACT:FLUSH EYE W/LG AMTS OF WATER FOR @LEAST 15MINS.GET

PROMPT MED ATTN. WASH SKIN THOROUGHLY W/SOAP/WATER.REMOVE/WASH

CONTAMIN CLOT HING BEF REUSE. INGEST:DILUTE BY GIVING2 GLASSES OF

WATER TO DRINK.SEE PHYSICIAN.NEVER GIVE ANYTHING B

Y MOUTH TO

UNCONSC PERSON.

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

Flash Point Method:TCC

Flash Point:62.6F,17.0C

Lower Limits:1.2

Extinguishing Media:FOAM, CO2, DRY CHEMICAL, WATER, AND WATER SPRAY.

Fire Fighting Procedures:WEAR BREATHING APPARATUS

(MSHA/NIOSH-APPROVED,PRESSURE DEMAND,SELF-CONTAINED OR EQUIVALENT)

& FULL PROTECTIVE GEAR.

Unusual Fire/Explosion Hazard:VAP CAN RRAVEL TO IGN SOURCES &

FLASHBACK.DECOMPOSITION & COMBUSTION PRODUCES MAY

BE TOXIC.

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

Spill Release Procedures:REMOVE IGN SOURCES.VENTI/AVOID BREATH VAP.EVACUATE.WEAR FULL PROT EQPMT.DIKE/ABSORB W/INERT MATL.TRANSFER TO CNTNRS SUITABLE FOR DISPOSAL.KEEP SPILLS/CLEANING RUNOFFS OUT OF MUNICIPAL SEWERS/OPN BODIE S OF WATER.SPILLED ON POROUS SURFACE GROUND (SUPP)

Neutralizing Agent:NONE SPECIFIED BY MANUFACTURER.

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

Handli

ng and Storage Precautions:STORAGE TEMP:35C MAX.LIMIT INDOOR STORAGE OF FLAMM LIQ TO APPROVED AREAS EQUIPPED W/AUTO SPRINKLERS.AVOID ALL SKIN CONTACT.MAY CAUSE ALLERGIC REACTION
Other Precautions:PLEASE READ TECHNICAL DATA SHEET BEF HNDLG PRODUCT.

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

Respiratory Protection:WEAR RESPIRATOR (MSHA/NIOSH) SUITABLE FOR CONCENTRATIONS & TYPES OF AIR CONTAMINANTS ENCOUNTERED.

Ventilation:EXPLOSION PROOF LOCAL EXHAUST VENTILA TION @POINT OF CONTAMINANT RELEASE.

Protective Gloves:IMPERVIOUS GLOVES.

Eye Protection:CHEMICAL SPLASH GOGGLES (ANSI Z-87.1).

Other Protective Equipment:PROTECTIVE CLOTHING,SAFETY SHOWER,EYEWASH FACILITIES.

Work Hygienic Practices:WASH CONTAMION CLOTHING BEF REUSE.WASH EXPO AREAS THOROUGHLY W/SOAP/WATER AFT HNDLG THIS MATL.

Supplemental Safety and Health

HEALTH HAZ:SUBSTANCE CAN CAUSE ALLERGIC RX.NOTE TO DR:ALLERGIC DERM/RESP RESPONSE IN SUSCEPTIBLE INDIVIDUALS MAY BE DELAYED.MA

Y

APPEAR AFT WK/MON OF FREQUENT & PROLONGED COTNACT. SPILL:CONTAMIN MUST B E CONSIDERED. PART B OF 2-PART KIT,SEE PNIND:E(PART A).KEY:F3.

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

HCC:F5

Boiling Pt:B.P. Text:174F,79C

Vapor Pres:>22 @20C

Vapor Density:>8.6

Spec Gravity:0.92

Viscosity:1000 CPS

Evaporation Rate & Reference:5 (N-BUTYL ACETATE=1)

Solubility in Water:MODERATE.

Appearance and Odor:PALE AMBER COLOR LIQUID, AROMATIC ODOR.

Percent Volatiles by

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

Stability Indicator/Materials to Avoid: YES

STRONG OXIDIZING AGENTS, ACIDS, AND BASES.

Stability Condition to Avoid: ELEVATED TEMPERATURES.

Hazardous Decomposition Products: OXIDES OF NITROGEN, HYDROCARBONS,
ANILINE, CARBON MONOXIDE AND CARBON DIOXIDE.

Conditions to Avoid Polymerization: STRONG ACIDS & BASES IN BULK.

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

Waste Disposal Methods: FOR DISC

ARD HAZ

WASTE.RCRA#D001(IGN).RQ=100LBS.INCINERATE IAW LOC/STATE/FED
REGS.CONTAINS SARA TITLE III TOXIC CHEM,RCRA,& CERCLA.

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