

CIBA-GEIGY CORP.; FURANE PRODUCTS DIVISION -- URALANE 5750-B -- 5970-01-223-0782
===== Product Identification =====

Product ID:URALANE 5750-B

MSDS Date:02/01/1995

FSC:5970

NIIN:01-223-0782

MSDS Number: BLFHT

=== Responsible Party ===

Company Name:CIBA-GEIGY CORP.; FURANE PRODUCTS DIVISION

Address:5121 SAN FERNANDO ROAD WEST

City:LOS ANGELES

State:CA

ZIP:90039-1011

Country:US

Info Phone Num:818-24

7-6210

Emergency Phone Num:818-247-6210 OR 800-888-8372(24 HR)

CAGE:EO102

=== 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

Company Name:CIBA-GEIGY CORP. PLASTICS & ADDITIVES DIV

Address:THREE SKYLINE DRIVE

Box:18300

City:HAWTHORNE

ZIP:10532

Country:US

CAGE:EO102

===== Composition/Information on

Ingredients =====

Ingred Name:HYDROXY TERMINATED 1,3BUTADIENE HOMOPOLYMER
CAS:69102-90-5
Fraction by Wt: 70%
Other REC Limits:NONE SPECIFIED

Ingred Name:N,N-BIS(2-HYDROXYPROPYL)ANILINE
CAS:63549-56-4
Fraction by Wt: 10%
Other REC Limits:NONE SPECIFIED

Ingred Name:TOLUENE (SARA III)
CAS:108-88-3
RTECS #:XS5250000
Fraction by Wt: 10%
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 KET
ONE (2-BUTANONE) (MEK) (SARA III)
CAS:78-93-3
RTECS #:EL6475000
Fraction by Wt: 10%
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

===== 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:VAPOR/MIST WILL IRRITATE THE NOSE &
THROAT. HIGH VAPOR CONCENTRATIO
N MAY CAUSE CNS DEPRESSION.
LIQUID/HIGH VAPOR CONCENTRATION IRRITATES EYES. LIQUID CAN CAUSE
MODERATE SKIN IRRITATION WITH DEFATTING, DRYING, SPLITTING &
CRACKING. INGESTIONCAN CAUSE IRRITATION, NAUSEA, VOMITING, &
DIARRHEA. CHRONIC: LIVER, KIDNEY & CNS
Explanation of Carcinogenicity:THIS COMPOUND CONTAINS NO INGREDIENTS AT
CONCENTRATIONS OF 0.1% OR GREATER THAT ARE CARCINOGENS OR SUSPECT
CARCINOGENS.
Effects of Overexposure:WILL IRRITATE THE NOSE AND THROAT. MAY CAUSE

CNS DEPRESSION. MAY IRRITATE EYES. MAY CAUSE MODERATE SKIN IRRITATION WITH DEFATTING, DRYING, SPLITTING AND CRACKING; GASTROINTESTINAL IRRITATION, NAUSEA, VOMITING, AND DIARRHEA. PROLONGED OR REPEATED EXPOSURE CAN CAUSE LIVER AND KIDNEY, AND CENTRAL NERVOUS SYSTEM EFFECTS.

Medical Cond Aggravated by Exposure:ALLERGIES, ECZEMA, AND OTHER SKIN, EYE OR RESPIRATORY DISORDERS MAY BE AGGRAVATED BY EXPOSURE.

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

F

irst Aid:INHALATION: REMOVE TO FRESH AIR. GIVE MOUTH- TO-MOUTH RESUSCITATION IF NOT BREATHING. GET MEDICAL ATTENTION. EYE & SKIN: FLUSH EYES WITH LARGE AMOUNTS OF WATER FOR 15 MINUTES. WASH SKIN WITH SOAP AND WATER. REMOVE AND WASH CONTAMINATED CLOTHING BEFORE REUSE. INGESTED: DILUTE BY GIVING 2 GLASSES OF WATER TO DRINK. SEE A PHYSICIAN. NEVER GIVE ANYTHING BY MOUTH TO AN UNCONSCIOUS PERSON.

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

Flash Point

Method:TCC

Flash Point:62.6F,17.0C

Lower Limits:1.2 %

Upper Limits:NOT GIVEN

Extinguishing Media:USE WATER FOG, CARBON DIOXIDE, FOAM, OR DRY CHEMICAL.

Fire Fighting Procedures:WEAR FIRE FIGHTING PROTECTIVE EQUIPMENT AND A FULL FACED SELF CONTAINED BREATHING APPARATUS.

Unusual Fire/Explosion Hazard:VAPORS CAN TRAVEL TO A SOURCE OF IGNITION AND FLASH BACK. DECOMPOSITION AND COMBUSTION PRODUCTS MAY BE TOXIC.

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

Spill Rel

ease Procedures:ELIMINATE IGNITION SOURCES. EVACUATE THE SPILL AREA. WEAR PROTECTIVE CLOTHING. DIKE AND ABSORB SPILL WITH INERT MATERIAL. TRANSFER TO CONTAINERS SUITABLE FOR DISPOSAL. REMOVE CONTAMINATED CLOTHING PRO MPTLY AND WASH AFFECTED SKIN WITH SOAP AND WATER.

Neutralizing Agent:NONE SPECIFIED BY MANUFACTURER.

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

Handling and Storage Precautions:STORE BELOW 35C. LIMIT INDOOR STORAGE TO APPROVED FLAMMABLE

LIQUID AREAS. AVOID ALL SKIN CONTACT. MAY CAUSE ALLERGIC REACTION.

Other Precautions:GROUND CONTAINERS WHEN POURING AND LIMIT FREE FALL TO A FEW INCHES TO PREVENT STATIC SPARK. AVOID SPONTANEOUS COMBUSTION OF CONTAMINATED RAGS BY IMMERSION IN WATER AT END OF USE. "EMPTY" CONTAINERS MAY CONTAIN FLAMMABLE HAZARDOUS RESIDUE.

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

Respiratory Protection:USE ORGANIC VAPOR RESPIRATOR UNDER NORMAL CONDITIONS. USE AN AIR SUPPLIED MASK FOR HIGHER CONCENTRATIONS.

RESPIRATORS AND MASKS SHOULD BE NIOSH/MSHA APPROVED.

Ventilation:USE EXPLOSION PROOF LOCAL EXHAUST AT POINT OF CONTAMINANTS RELEASE.

Protective Gloves:IMPERVIOUS GLOVES.

Eye Protection:CHEMICAL SPLASH GOGGLES.

Other Protective Equipment:EYE WASH STATION & SAFETY SHOWER. WEAR INDUSTRIAL TYPE WORK CLOTHING AND APRON AS REQUIRED.

Work Hygienic Practices:WASH EXPOSED SKIN AREAS THOROUGHLY WITH SOAP & WATER AFTER HANDLING THIS MATERIAL. LAUNDER DIRTY CLOTHING BEFORE REUSE.

Supplemental Safety and Health

NOTE TO PHYSICIAN: ALLERGIC DERMATITIS OR RESPIRATORY RESPONSE IN SUSCEPTIBLE INDIVIDUALS MAY BE DELAYED. IT MAY APPEAR AFTER WEEKS OR EVEN MONTHS OF FREQUENT AND PROLONGED CONTACT.

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

HCC:F2

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

Melt/Freeze Pt:M.P/F.P Text:NOT GIVEN

Decomp Temp:Decomp Text:NOT GIVEN

Vapor Pres:>22

Vapor Density:>8.6

Spec Gravity:0.92

Viscosity

:1,000 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 Volume:20

===== 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:CARBON DIOXIDE, CARBON MONOXIDE, HYDROCARBONS, OXIDES OF NITROGEN, AND

ANILINE.

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

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

Waste Disposal Methods:INCINERATE OR DISPOSE OF IN ACCORDANCE WITH ALL APPLICABLE LOCAL, STATE AND FEDERAL ENVIRONMENTAL CONTROL REGULATIONS.

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