

CIBA-GEIGY CORPORATION, FURANE PRODUCTS DIVISION -- URALANE 5750 A -- 5970-01-217-8835

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Product Identification
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Product ID:URALANE 5750 A

MSDS Date:11/20/1991

FSC:5970

NIIN:01-217-8835

Status Code:A

MSDS Number: CJYKY

=== 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, 800-334-9481

Emergency Phone Num:800-888-8372

Resp. Party Other MSDS Num.:PRODUCT CODE: FPC0101/MSDS CODE UL1288

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

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Composition/Information on Ingredients
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Ingred Name:DIPHENYLMETHANE DIISOCYANATE

CAS:26447-40-5

Code:F

Ingred Name:HOMOPOLYMER OF DIPHENYLMETHANE DIISOCYANATE

CAS:39310-05-9

Ingred Name:TRIETHYL PHOSPHATE

CAS:78-40-0

RTECS #:TC7900000

Ingred Name:METHYLBENZENE

CAS:108-88-3

RTECS #:XS5250000

OSHA PEL:SEE TABLE Z-2

ACGIH TLV:188 MG/M3;50 PPM

EPA Rpt Qty:1000 LBS

DOT Rpt Qty:1000 LBS

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Hazards Identification
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RC:NO OSHA:NO

Health Hazards Acute and Chronic: EYE: SUBSTANCE IN CONTACT WITH EYES WILL CAUSE A SEVERE IRRITATION, AND POSSIBLE EYE DAMAGE. SKIN: SEVERELY IRRITATING TO SKIN; MAY CAUSE ALLERGIC REACTION. INGESTION: POSSIBLY BE HARMFUL IF SWALLOWED. DELAYED EFFECTS: PROLONGED OR REPEATED EXPOSURE CAN CAUSE LIVER AND KIDNEY, & CENTRAL NERVOUS SYSTEM EFFECTS. INHALATION: OVEREXPOSURE CAUSES SEVERE IRRITATION OF THE RESPIRATORY TRACT & MUCOUS MEMBRANE, TIGHTNESS OF THE CHEST, SHORTNESS OF BREATH, COUGHING & HEADACHES.

BRONCHITIS & PULMONARY EDEMA MAY DEVELOP. RESPIRATORY SENSITIZER. CAUSES ALLERGIC RESPIRATORY REACTION WITH ASTHMA LIKE ATTACKS.

Explanation of Carcinogenicity: NONE PROVIDED BY MFR.

Effects of Overexposure: SEVERE IRRITATION OF THE RESPIRATORY TRACT AND MUCOUS MEMBRANE, TIGHTNESS OF THE CHEST, SHORTNESS OF BREATH. SOME ALLERGIC REACTION MAY OCCUR, SUCH AS ASTHMA LIKE ATTACK.

Medical Condition Aggravated by Exposure: ALLERGY, ECZEMA OR RESPIRATORY CONDITIONS.

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

First Aid: INHALATION: MOVE SUBJECT TO FRESH AIR. GIVE OXYGEN IF BREATHING IS DIFFICULT. EYE: FLUSH EYES WITH A LARGE AMOUNT OF WATER FOR AT LEAST 15 MINUTES. GET PROMPT MEDICAL ATTENTION. SKIN: WASH SKIN THOROUGHLY WITH SOAP AND WATER. REMOVE AND WASH CLOTHING BEFORE REUSE. INGESTION: IF SWALLOWED 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: CC

Flash Point: =7.0C, 44.6F

Lower Limits: 1.2 %

Upper Limits: 7.0 %

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

Fire Fighting Procedures: WEAR BREATHING APPARATUS (NSHA/NIOSH - APPROVED, PRESSURE DEMAND, SELF-CONTAINED OR EQUIVALENT.) AND FULL PROTECTIVE GEAR. KEEP WATER OUT OF CONTAINERS.

Unusual Fire/Explosion Hazard: VAPOR CAN TRAVEL TO A SOURCE OF IG

NITION

AND FLASH BACK. REACT WITH WATER TO FORM CARBON DIOXIDE. AVOID BREATHING VAPORS OR FIRE EXPOSED MATERIAL.

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

Spill Release Procedures:ELIMINATE IGNITION SOURCES. WEAR COMPLETE PROTECTIVE EQUIPMENT. VENTILATE AREA. AVOID BREATHING VAPORS. USE SELF CONTAINED BREATHING APPARATUS (MSHA/NIOSH OR EQUIVALENT) FOR LARGE SPILLS IN CONFINED AREAS. DIKE & ABSORB SPILL WITH INERT MATERIAL (SAND, EARTH, ETC). STOP
WEEP UP & PLACE IN CONTAINERS FOR DISPOSAL. REMOVE CONTAMINATED CLOTHING PROMPTLY & WASH EXPOSED SKIN AREAS W/ SOAP & WATER. (SUPPL)
Neutralizing Agent:NONE PROVIDED BY MFR.

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

Handling and Storage Precautions:LIMIT INDOOR STORAGE OF FLAMMABLE LIQUIDS TO APPROVED AREAS EQUIPPED WITH AUTOMATIC SPRINKLERS. USE INERT GAS BLANKETING FOR BULK STORAGE.
Other Precautions:NONE PROVIDED BY MFR.

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

Respiratory Protection:WEAR RESPIRATOR (MSHA/NIOSH-APPROVED) SUITABLE FOR CONCENTRATIONS AND TYPES OF AIR CONTAMINANTS ENCOUNTERED
Ventilation:MECHANICAL LOCAL EXHAUST AT POINT OF CONTAMINANT RELEASE.
Protective Gloves:IMPERVIOUS GLOVES
Eye Protection:CHEMICAL SPLASH GOGGLES (ANSI Z-87.1)
Other Protective Equipment:SAFETY SHOWER, EYEWASH FACILITY AND PROTECTIVE CLOTHING.
Work Hygienic Practices:NONE PROVIDED BY MFR.
Supplemental Safety and Health
SPILL CONT: WASH CLOTHING BEFORE REUSE. KEEP SPILL OUT OF ALL SEWERS AND OPEN BODIES OF WATER.

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

HCC:F5
Vapor Pres:22 @ 20C MM/HG ESTIMATED
Vapor Density:8.6 ESTIM.
Spec Gravity:1.2 (WATER=1)
Viscosity:30 CPS
Evaporation Rate & Reference:4.5 (BUTYL ACETATE=1)
Solubility in Water:REACT WITH WATER
Appearance and Odor:YELLOW COLOR LIQUID, AROMATIC SOLVENT ODOR

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

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Stability Indicator/Materials to Avoid: YES

WATER, STRONG BASES, ALCOHOLS, AMINES, OXIDIZING AGENTS AND CARBOXYLIC ACIDS.

Stability Condition to Avoid: AVOID PROLONG HEATING OVER 60 DEG C OR STORAGE ABOVE 23 DEG C

Hazardous Decomposition Products: CARBON MONOXIDE, CARBON DIOXIDE, OXIDES OF NITROGEN, TRACES OF HCN

Conditions to Avoid Polymerization: CONTACT WITH MOISTURE AND OTHER REACTIVE MATERIALS.

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

Waste D

Disposal Methods: FOR DISCARD THIS IS A HAZARDOUS WASTE. RCRA D-001 IGNITABLE. REPORTABLE QUANTITY 1 LBS. (CERCLA (SUPERFUND) SEC. 102). INCINERATE LIQUID IN APPROVED EQUIPMENT. DECONTAMINATE DIKE MATERIAL WITH DECONTA MINANT; THEN LANDFILL IN ACCORANCE WITH LOCAL, STATE, AND FEDERAL REGULATIONS.

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

Transport Information: DOT: ISOCYANATES SOLUTION, FLAMMABLE LIQUID AND POISON, UN2478, PKG II.

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=== Regulatory Information =====

SARA Title III Information: THIS PRODUCT CONTAINS THE FOLLOWING TOXIC CHEMICALS SUBJECT TO THE ROUTINE ANNUAL "TOXIC CHEMICALS RELEASE NOTIFICATION" UNDER SECTION 313: TOLUENE (CAS 108-88-3), METHYLENEBIS 9PHYNYLISOCYANATE) (CAS 101-68-8)

Federal Regulatory Information: CHEMICAL COMPONENTS LISTED ON TSCA INVENTORY.

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