

FURANE PRODUCTS COMPANY -- URALANE S772A -- 8040-01-285-9678

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Product Identification
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Product ID:URALANE S772A

MSDS Date:09/29/1988

FSC:8040

NIIN:01-285-9678

Kit Part:Y

MSDS Number: BLZCJ

=== Responsible Party ===

Company Name:FURANE PRODUCTS COMPANY

Address:5121 SAN FERNANDO ROAD WEST

City:LOS ANGELES

State:CA

ZIP:90039

Country:US

Info Phone Num:818-247-6210

Emergency Phone Num:818-247

-6210

CAGE:OO131

=== Contractor Identification ===

Company Name:CIBA-GEIGY COMPANY, FURANE PRODUCTS

Address:5121 SAN FERNANDO ROAD WEST

Box:City:LOS ANGELES

State:CA

ZIP:90039

Country:US

Phone:818-247-6210 OR 800-334-9481

CAGE:0EJE3

Company Name:FURANE PRODUCTS COMPANY

Phone:(201) 499-2401

CAGE:OO131

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Composition/Information on Ingredients
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Ingred Name:TRADE SECRET; BLEND OF REACTION PRODUCTS OF POLYETHER
POLYOLS & METHYLENE BIS-(4-CYCLOHEXYLISOCYANATE)

Fraction

by Wt: 100%
Other REC Limits:NONE SPECIFIED
OSHA PEL:0.01*
ACGIH TLV:0.01*

Ingred Name:*AS METHYLENE BIS-(4-CYCLOHEXYLISOCYANATE) AND CEILING
LIMITS.

RTECS #:9999999ZZ

Other REC Limits:NONE SPECIFIED

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

Routes of Entry: Inhalation:YES Skin:YES Ingestion:YES
Reports of Carcinogenicity:NTP:NO IARC:NO OSHA:NO
Health Hazards Acute and Chronic:INHALATION: OVEREXPOSURE CAUSES SEVERE
IRRITATION OF THE RESPIRATORY TRACT A

ND MUCOUS MEMBRANE, TIGHTNESS
OF THE CHEST, SHORTNESS OF BREATH, COUGHING AND HEADACHES.
BRONCHITIS AND PULMONARY EDEMA MAY DEVELOP. RESPIRATORY
SENSITIZER. CAUSES ALLERGIC RESPIRATORY REACTION WITH ASTHMA LIKE
ATTACKS. SENSITIZATION SYMPTOMS*

Effects of Overexposure:*MAY BE DELAYED. EYE CONTACT: 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 ALLERGIC
REACTION.

Medical Cond Aggravated by Exposure:ALLERGY OR RESPIRATORY CONDITIONS.

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

First Aid:INHALE: MOVE SUBJECT TO FRESH AIR. GIVE OXYGEN IF BREATHING
IS DIFFICULT. EYE/SKIN CONTACT: FLUSH EYES WITH LARGE AMOUNT OF
WATER FOR 15 MIN. PROMPT MED ATTEN. WASH SKIN THOROUGHLY WITH SOAP
AND WATER . REMOVE AND WASH CLOTHING B
EFORE 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:PMCC

Flash Point:177F,81C

Extinguishing Media:CARBON DIOXIDE, DRY CHEMICAL, WATER SPRAY, FOAM.

Fire Fighting Procedures:WEAR BREATHING APPARATUS (MSHA/NIOSH-APPROVED)
PRESSURE DEMAND SELF CONTAINED OR EQUIVALENT) AND FULL PROTECTIVE
GEAR.

KEEP WATER OUT OF CONTAINERS.

Unusual Fire/Explosion Hazard:REACT WITH WATER TO FORM CARBON DIOXIDE.

AVOID BREATHING VAPORS OF FIRE EXPOSED MATERIAL.

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

Spill Release Procedures:COMPLETE PROTEC EQUIP. VENT AREA. NO BREATH VAPORS. USE SCBA (MSHA/NIOSH/EQUIVALENT): LARGE SPILLS/CONFINED AREAS. DIKE/ABSORB W/INERT MATERIAL (SAND/EARTH/ETC.) SWEEP UP/PLACE IN CONTAINERS FOR DISPO SAL. KEEP SPILL OUT OF SEWERS/OPEN

BODIES OF WATER

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

Handling and Storage Precautions:STORAGE TEMP: MAX: 35C MIN: 23C. STR INDOORS; COOL/DRY AREA W/ADEQUATE VENT. INERT GAS BLANKETING; BULK STORAGE. STORE AT -40C OR BELOW FOR BETTER **

Other Precautions:N/K **SHELF LIFE.

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

Respiratory Protection:WEAR RESPIRATOR (MSHA/NIOSH-APPROVED) SUITABLE FOR CONCENTRATIONS AND TYPES OF AIR CONTAMINANTS ENCOUNTERED. (ORGANIC VAPOR).

Ventilation:MECHANICAL LOCAL EXHAUST AT POINT OF CONTAMINANT RELEASE.

Protective Gloves:IMPERVIOUS - LATEX

Eye Protection:CHEMICALSPLASH GOGGLES (ANSI Z87.1)

Other Protective Equipment:SAFETY SHOWER, EYEWASH FACILITY AND PROTECTIVE CLOTHING.

Work Hygienic Practices:REMOVE CONTAMINATED CLOTHING W/EXPOSED SKIN AREAS W/SOAP/WATER. WASH CLOTHING BEFORE REUSE.

Supplemental Safety and Health

NOTE TO PHYSICIAN: ALLERGIC DERMATITIS OR RESPIRATORY RESPONSE IN

SUSCEPTABLE INDIVIDUALS MAY BE DELAYED. IT MAY APPEAR AFTER WEEKS OR EVEN MONTHS OF FREQUENT AND PROLONGED CONTACT.

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

HCC:V4

Vapor Pres:1

Spec Gravity:1 (WATER=1)

Viscosity:20,000 CPS

Solubility in Water:REACT WITH WATER

Appearance and Odor:CLEAR LIQUID, NO ODOR.

Percent Volatiles by Volume: