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M & T CHEMICALS INC,FURANE PRODUCTS DIV. -- URALANE 5753 A -- 8030-01-097-9102

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

Product ID:URALANE 5753 A

MSDS Date:11/19/1984

FSC:8030

NIIN:01-097-9102

MSDS Number: BGLRL

=== Responsible Party ===

Company Name:M & T CHEMICALS INC,FURANE PRODUCTS DIV.

Address:5121 SAN FERNANDO ROAD WEST

City:LOS ANGELES

State:CA

ZIP:90039

Info Phone Num:818-247-6210/215-592-3000

E

mergency Phone Num:818-247-6210/215-592-3000

CAGE:DO437

=== 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:M & T CHEMICALS

Address:P.O.BOX 1104

Box:1104

City:RAHWAY

State:NJ

ZIP:07065

Phone:215-587-7695

CAGE:DO437

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

Ingred Na

me:METHYLENE BISPHENYL ISOCYANATE (MDI) (SARA III)
CAS:101-68-8
RTECS #:NQ9350000
Fraction by Wt: 80%
Other REC Limits:0.02 PPM CEILING
OSHA PEL:C, 0.02 PPM
ACGIH TLV:0.005 PPM; 9192
EPA Rpt Qty:1 LB
DOT Rpt Qty:1 LB

Ingred Name:HIGHER MOLECULAR WEIGHT POLYMERS
Fraction by Wt: 20%
OSHA PEL:N/K
ACGIH TLV:N/K

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

LD50 LC50 Mixture:N/K
Reports of Carcinogenicity:NTP:NO IARC:NO OSHA:NO
Health Hazards Acute and Chronic:TOXICIT
Y

INFO:IRRIT:EYE-SEVERE,SKIN-SEVERE.SEE SIGNS AND SYMPTOMS OF
OVEREXPOSURE SECTION .

Explanation of Carcinogenicity:N/A

Effects of Overexposure:INHAL:MUCOUS MEMBRANE IRRI,CHEST TGHTNSS,IRRI
OF RESP TRACT,COUGH,HDACHE, & SHRTNSS OF BRTH.IRRI MAY BE SEVER
ENOUGH TO PRODUCE BRONCHITIS.& PULMON EDEMA.SENS W/SUBSEQ ASTHMA
LKE ATTACK MAY FOL W/WHEE Z & COUGH.SYM MAY OCCUR DURING NIGHT AFT
EXPSR.EY & SKN CONT:LIQ IN CONT W/EY WILL CAUSE A SEVER IRRI,& POSS
EY(SUP DAT)

Medic
al Cond Aggravated by Exposure:N/K

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

First Aid:EYE:FLUSH IMMED W/LGE AMTS OF WTR FOR AT LEAST 15MIN & GET
PROMPT MED ATTN.SKN:WASH THOROUGHLY W/SOAP & WTR;RMV & WASH
CLOTHING BEFORE REUSE.INGESTION:IF SWALLOWED DILUTE BY GIVING 2
GLASSES OF WATER TO DRINK.SEE PHYSICIAN.NEVER GIVE ANYTHING BY
MOUTH TO AN UNCONSCIOUS PERSON.INHALATION:REMOVE TO FRESH AIR.GIVE
OXYGEN IF DIFFICULTY BRTH,ARTIFICIAL RESPIRATION

IF BREATHING HAS
STOPPED.

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

Flash Point Method:PMCC

Flash Point:350F/176C

Extinguishing Media:CARBON DIOXIDE, DRY CHEMICAL

Fire Fighting Procedures:WEAR BREATHING APPARATUS

(MSHA/NIOSH-APPROVED,PRESSURE-DEMAND,SELF-CONTAINED/EQUIVALENT)AND
FULL PROTECTIVE GEAR.KEEP WATER OUT OF CONTAINERS.

Unusual Fire/Explosion Hazard:REACTS WITH WATER TO FORM CARBON
DIOXIDE.AVOID BREATHING VAPORS OF FIRE EXPOSED MATERIAL.

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

Spill Release Procedures:WEAR COMPLETE PROTECTIVE EQPT.VENT AREA.AVOID
BRTH VAPORS.USE SCBA(MSHA/NIOSH OR EQUIPMENT)FOR LGE SPILLS IN
CONFINED AREAS.DIKE & ABSORB SPILL W/INERT MATL
(SAND,EARTH,ETC.)SWEEP UP & PLACE IN CNTNR F OR DISPOSAL.RMV CONTAM
CLOTH PROMPTLY & WASH(SUP DAT)

Neutralizing Agent:N/K

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

Handling and Storage Precautions:MAX STOR TEMP:

95F/35C.STOR INDOORS IN

COOL,DRY AREA W/ADEQUATE VENT.USE INERT GAS BLANKETING FOR BULK
STORAGE.

Other Precautions:DECONTAM LIQ:WATER-90%,AMMONIUM
HYDROXIDE-8%,DETERGENT-2%.

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

Respiratory Protection:NIOSH/MSHA APPROVED RESP DEVICE IN ACCORD WITH
EXPOSURE OF CONCERN.

Ventilation:MECHANICAL LOCAL EXHAUST AT POINT OF CONTAMINANT RELEASE.

Protective Gloves:IMPERVIOUS (LATEX)

Eye Protection:CHEMICAL WORKER GOGGLES

Oth

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

Work Hygienic Practices:N/K

Supplemental Safety and Health

PCT VOLT-VOL:N.PH:N.RT OF ENTRY:SGN&SYM OVERPSR:DAMAGE.SEVER IRRIT TO
SKN;MAY CAUSE ALLERGIC REAC.SPILL/RELEASE:EXPOS SKN AREA
W/SOAP&WTR.KEEP SPILL OUT OF ALL SEWERS & OPEN BODIES OF WTR.
KEY1;N1.

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

HCC:N1

Boiling Pt:B.P. Text:392F/200C

Decomp Temp:Decomp Text:N/K

Vapor Pre

s:0.0003

Vapor Density:8.6 EST

Spec Gravity:1.24

pH:N/K-FP

Evaporation Rate & Reference: