

NU-BRITE CHEMICAL CO. INC. STERLING GROUP -- 80-372 THERMODUR U-372 -- 5970-00-161-7232

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Product Identification
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Product ID:80-372 THERMODUR U-372

MSDS Date:03/11/1988

FSC:5970

NIIN:00-161-7232

MSDS Number: BDDLML

=== Responsible Party ===

Company Name:NU-BRITE CHEMICAL CO. INC. STERLING GROUP

Address:9 OHIO RIVER BOULEVARD

City:SEWICKLEY

State:PA

ZIP:15143-2199

Country:US

Info Phone Num

:412-766-7600

Emergency Phone Num:412-766-7600/800-424-9300(CHEMTREC)

Preparer's Name:MARK DUBOIS

CAGE:78580

=== Contractor Identification ===

Company Name:NU-BRITE CHEMICAL CO INC, STERLING GROUP

Address:NINE OHIO RIVER BLVD

Box:City:SEWICKLEY

State:PA

ZIP:15143-2199

Country:US

Phone:CHEMTREC 800-424-9300

CAGE:78580

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Composition/Information on Ingredients
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Ingred Name:XYLENES (O-,M-,P- ISOMERS) (SARA III)

CAS:1330-20-7

RTECS #:ZE2100000

Fraction by Wt: 10-20%

OSHA

PEL:100 PPM/150 STEL

ACGIH TLV:100 PPM/150STEL;9192

EPA Rpt Qty:1000 LBS

DOT Rpt Qty:1000 LBS

Ingred Name:NAPHTHA, MEDIUM ALIPHATIC (STODDARD SOLVENT)

CAS:64742-88-7

Fraction by Wt: 30-40%

OSHA PEL:500 PPM (MFR)

ACGIH TLV:100 PPM (MFR)

Ingred Name:POLYESTER RESIN (OBTAINED FROM PREVIOUS HMIS)

Fraction by Wt: 30-60%

Ingred Name:PHENOLIC RESIN (OBTAINED FROM PREVIOUS HMIS)

Fraction by Wt: 10-30%

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Hazards Identification
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Routes of Entry: Inhalation:Y

ES Skin:YES Ingestion:YES

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

Health Hazards Acute and Chronic:ACUTE:OVEREXPOSURE CAN LEAD TO CENTRAL NERVOUS SYSTEM DEPRESSION,IRRITATION,DEFFATING OF SKIN.

CHRONIC:SOME REPORTS HAVE ASSOCIATED REPEATED AND PROLONGED OCCUPATIONAL OVEREXPOSURE TO SOLVENTS WITH P ERMANENT BRAIN AND NERVOUS SYSTEM DAMAGE.

Explanation of Carcinogenicity:NONE OF THE CHEMICALS IN THIS PRODUCT IS LISTED BY IARC, NTP OR OSHA AS A CARCINOGEN.

Effect

s of Overexposure:EYES:IRRITATION,REDNESS,TEARING,BLURRED VISION.

SKIN CONTACT:IRRITATION. SKIN

ABSORPTION:HEADACHE,DIZZINESS,INCOORDINATION,NAUSEA,LOSS OF CONSCIOUSNESS. INHALATION:SAME AS SKIN ABSORPTION.VAPORS IN HI GH CONCENTRATIONS ARE ANESTHETIC. INGESTION:VOMITING.ASPIRATION INTO LUNGS MAY RESULT IN CHEMICAL PNEUMONITIS/PULM.EDEMA

Medical Cond Aggravated by Exposure:INHALATION OF VAPORS MAY AGGRAVATE RESPIRATORY DISORDERS.

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First Aid Measur

es =====

First Aid:EYES:FLUSH WITH WATER FOR AT LEAST 15 MINUTES.SEE DOCTOR.

SKIN:REMOVE CONTAMINATED CLOTHING AND SHOES.WASH WITH SOAP AND WATER.IF IRRITATION PERSISTS,SEE DOCTOR. INHALATION:REMOVE TO FRESH AIR.GIVE OX YGEN/CPR IF NEEDED.SEE DOCTOR IMMEDIATELY. INGESTION:DO NOT INDUCE VOMIT.NOTHING BY MOUTH IF UNCONSCIOUS.SEE DOCTOR IMMEDIATELY.

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Fire Fighting Measures =====

Flash Point Method:SCC

Flash Point:96.0F

,35.6C

Lower Limits:1.0

Upper Limits:7.0

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

Fire Fighting Procedures:FIRE FIGHTERS SHOULD USE NIOSH APPROVED SCBA & FULL PROTECTIVE EQUIPMENT WHEN FIGHTING CHEMICAL FIRE. USE WATER SPRAY TO COOL NEARBY CONTAINERS EXPOSED TO FIRE.

Unusual Fire/Explosion Hazard:VAPORS MAY FORM AN EXPLOSIVE MIXTURE IN AIR.CLOSED CONTAINERS MAY RUPTURE WHEN EXPOSED TO HEAT.VAPORS HEAVIER THAN AIR,MAY TRAVEL A LONG DISTANCE AND

FLASHBACK.

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

Spill Release Procedures:WIPE OR SOAK UP SMALL SPILLS WITH PAPER TOWEL OR INERT ABSORBANT. DIKE TO RETAIN LARGE SPILLS. VACUUM UP FREE LIQUID. REMOVE RESIDUE WITH INERT ABSORBANT. PLACE IN DISPOSAL CONTAINER. FLUSH AREA WITH WATER.

Neutralizing Agent:NONE APPLICABLE FOR THIS MATERIAL

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

Handling and Storage Precautions:AVOID PROLONGED OR REPEATED INHALATION

OF HEATED VAPORS OR SPRAY MISTS. KEEP AWAY FROM HEAT OR OPEN FLAMES. AVOID PROLONGED OR REPEATED SKIN CONTACT.

Other Precautions:USE WITH ADEQUATE VENTILATION. KEEP CONTAINER CLOSED WHEN NOT IN USE.

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

Respiratory Protection:A FULL FACE CANISTER-TYPE RESPIRATOR MUST BE WORN TO PREVENT THE INHALATION OF VAPORS OR SPRAY MISTS WHEN TLV IS EXCEEDED. IN CONFINED SPACES OR FOR LARGE SPILLS,WEAR SELF-CONTAINED BREATHING APPARATUS.

Ventilation:GENERAL VENTILATION IS REQUIRED DURING NORMAL USE. LOCAL EXHAUST VENTILATION MAY BE REQUIRED UNDER CERTAIN OPERATIONS.

Protective Gloves:RUBBER,NITRILE,NEOPRENE.

Eye Protection:FACE SHIELD OR CHEMICAL SAFETY GOGGLES.

Other Protective Equipment:SAFETY SHOWER AND EYE BATH. OTHER EQUIPMENT AS REQUIRED TO MINIMIZE EXPOSURE FROM PROLONGED OR REPEATED CONTACT.

Work Hygienic Practices:WASH THOROUGHLY AFTER HANDLING AND BEFORE EATING. L

AUNDER CONTAMINATED CLOTHING BEFORE REUSE.

Supplemental Safety and Health

NONE.

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

HCC:F3

Boiling Pt:B.P. Text:283F,139C

Vapor Pres:21

Vapor Density:>1

Spec Gravity:0.9

Evaporation Rate & Reference: