

NU-BRITE CHEMICAL CO INC, STERLING GROUP -- STERLING THERMOPOXY U-122 --  
5970-01-078-5636

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

Product ID:STERLING THERMOPOXY U-122  
MSDS Date:12/06/1989  
FSC:5970  
NIIN:01-078-5636  
MSDS Number: BGKSH  
=== Responsible Party ===  
Company Name:NU-BRITE CHEMICAL CO INC, STERLING GROUP  
Address:NINE OHIO RIVER BLVD  
City:SEWICKLEY  
State:PA  
ZIP:15143-2199  
Country:US  
Info Phone Number:412-766-7600  
Emergency Phone Num: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 =====

Ingred Name:XYLENES (O-,M-,P- ISOMERS) (SARA III)  
CAS:1330-20-7  
RTECS #:ZE2100000  
Fraction by Wt: 60-70%  
OSHA PEL:100 PP

M/150 STEL  
ACGIH TLV:100 PPM/150STEL;9192  
EPA Rpt Qty:1000 LBS  
DOT Rpt Qty:1000 LBS

Ingred Name:OTHER COMPONENTS  
Fraction by Wt: BALANCE

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===== Hazards Identification =====  
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Routes of Entry: Inhalation:YES Skin:YES Ingestion:NO  
Reports of Carcinogenicity:NTP:NO IARC:NO OSHA:NO  
Health Hazards Acute and Chronic:INHALATION:CNS DEPRESSION. SKIN &  
EYES:DERMATITIS AND IRRITATION OF THE SKIN. SEVERE EYE IRRITATION.  
INGESTION:CHEMICAL PNEUMONITIS AND PULMO  
NARY EDEMA/HEMORRHAGE IF  
MATERIAL GETS INTO LUNGS.  
Effects of Overexposure:INHALATION:HEADACHES, DIZZINESS,  
INCOORDINATION, FATIGUE, WEAKNESS, NAUSEA AND LOSS OF  
CONSCIOUSNESS. SKIN:DEFATTING. EYES:REDNEDD, TEARING AND BLURRED  
VISION. \*MATERIAL MAY BE ABSORBED THROUGH THE SK IN. PROLOMGED  
EXPOSURE MAY RESULT WITH PERMANENT BRAIN AND CNS DAMAGE.  
Medical Cond Aggravated by Exposure:SKIN, EYE AND RESPIRATORY  
DISORDERS.

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===== First Aid Measures =====  
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First Aid:MOVE TO FRESH AIR. FLUSH SKIN/EYES W/WATER.GET MEDICAL ATTN  
IF BREATHING DIFFICULTY NOTED.INGESTED-GET MEDICAL ATTN AT ONCE.DO  
NOT INDUCE VOMITING.

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===== Fire Fighting Measures =====  
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Flash Point Method:SCC  
Flash Point:78.0F,25.6C  
Lower Limits:1.0  
Upper Limits:7.0  
Extinguishing Media:FOAM, CARBON DIOXIDE, DRY CHEMICAL, WATER FOG.  
Fire Fighting Procedures:WEAR SELF-CONTAINED BREATHING APPARATUS. WATER  
MAY BE AN UNSUITABLE EXT

INGUISHING AGENT, BUT HELPFUL IN KEEPING  
ADJACENT CONTAINERS COOL.

Unusual Fire/Explosion Hazard:VAPORS MAY FORM AN EXPLOSIVE MIXTURE IN  
AIR. CLOSED CONTAINERS MAY RUPTURE WHEN EXPOSED TO EXTREME HEAT.  
VAPOR MAY TRAVEL A CONSIDERABLE DISTANCE.

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

Spill Release Procedures:REMOVE ALL SOURCES OF IGNITION. VENTILATE  
AREA. ABSORB SPILL WITH A NONBIODEGRADABLE, NONCOMPRESSABLE  
ABSORBENT AND PLACE IN A CLOSED CONTAINER. DIKE LARGE SPILLS TO  
KEEP THEM FROM ENTERING INTO WASTE R SYSTEMS OR SEWERS.  
Neutralizing Agent:NONE SPECIFIED BY MANUFACTURER.

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

Handling and Storage Precautions:AVOID PROLONGED OR REPEATED INHALATION  
OF HEATED VAPORS OR SPRAY MISTS. KEEP AWAY FROM HEAT OR OPEN FLAME.  
KEEP CONTAINER CLOSED WHEN NOT IN USE.  
Other Precautions:NONE

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

Respiratory Protection:USE NIOSH/MSHA APPROVED RESPIRATOR FOR ORGANIC  
VAPORS/MIST OR SCBA IN AN ENCLOSED AREA.  
Ventilation:LOCAL EXHAUST IS RECOMMENDED  
Protective Gloves:CHEM.RESIST.  
Eye Protection:SAFETY GLASSES.  
Other Protective Equipment:PLASTIC OR RUBBER GLOVES,SAFETY SHOWER & EYE  
BATH.  
Work Hygienic Practices:AVOID CONTACT WITH EYES AND SKIN;DO NOT BREATHE  
VAPORS/MIST.  
Supplemental Safety and Health  
NONE

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

HCC:F3  
Boiling Pt:

B.P. Text:281F,138C

Vapor Pres:21.0

Vapor Density:> AIR

Spec Gravity:0.9

Evaporation Rate & Reference:SLOWER THAN ETHER

Solubility in Water:INSOLUBLE

Appearance and Odor:AMBER LIQUID, PUNGENT ODOR.

Percent Volatiles by Volume:61

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

Stability Indicator/Materials to Avoid:YES

AVOID CONTACT WITH STRONG OXIDIZING AGENTS.

Stability Condition to Avoid:WARMSTORAGE AND IGNITION SOURCES

Hazardous Decomposition Products:CO AND TOXIC VA  
PORS.

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

Waste Disposal Methods:THIS MATERIAL AND CONTAINERS SHOULD BE TREATED  
AS HAZARDOUS WASTE BASED ON IGNITABILITY (