

NU-BRITE CHEMICAL CO INC, STERLING GROUP -- CATALYST,24-002,Y-415-12 A,PART B --
8040-00-914-0720

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

Product ID:CATALYST,24-002,Y-415-12 A,PART B

MSDS Date:04/12/1988

FSC:8040

NIIN:00-914-0720

Kit Part:Y

MSDS Number: BWDZJ

=== Responsible Party ===

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

Address:NINE OHIO RIVER BLVD

City:SEWICKLEY

State:PA

ZIP:15143

C

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:CHEMICAL COMMODITIES AGENCY, INC.

Address:27447 PACIFIC STREET

Box:City:HIGHLAND

State:CA

ZIP:92346-2640

Country:US

Phone:909-864-2310

CAGE:60777

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:7858

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Composition/Information on Ingredients
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Ingred Name:DIETHYLENETRIAMINE
CAS:111-40-0
RTECS #:IE1225000
Fraction by Wt: 20 - 30%
Other REC Limits:NONE RECOMMENDED
OSHA PEL:1 PPM
ACGIH TLV:S, 1 PPM; 9495

Ingred Name:POLYETHYLENE POLYAMINE ADDUCT
Fraction by Wt: 20 - 30%
Other REC Limits:NONE RECOMMENDED

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Hazards Identification
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Routes of Entry: Inhalation:YES Skin:YES Ingestion:YES
Reports of Carcinogenicity:NTP:NO
IARC:NO OSHA:NO

Health Hazards Acute and Chronic:TARGET ORGANS:EYE, SKIN, RESPIRATORY &
GI TRACTS. ACUTE- CORROSIVE TO BODY TISSUES. MAY CAUSE ALLERGIC
RESPIRATORY RREACTION. HARMFUL IF SWALLOWED/INHALED/ABSORBED
THROUGH SKIN. SKIN CONTACT CAN CAUSE SEVERE IRRITATION, BURNS. MAY
CAUSE EYEDAMAGE. INGESTION MAY DAMAGE THROAT. CHRONIC- MAY CAUSE
LIVER & KIDNEY DAMAGE.

Explanation of Carcinogenicity:NONE

Effects of Overexposure:HEADACHES, NAUSEA, DIZZINESS, RESPIRATORY
IRRI

TATION & SENSITIZATION, SEVERE SKIN IRRITATION, DERMATITIS,
CORNEAL BURNS, EYE DAMAGE, THROAT AND ESOPHAGUS DAMAGE

Medical Cond Aggravated by Exposure:PERSONS WITH PRE-EXISTING SKIN
DISORDERS, EYE PROBLEMS OR IMPAIRED LIVER, KIDNEY OR RESPIRATORY
FUNCTION MAY BE MORE SUSCEPTIBLE TO THE EFFECTS OF THIS PRODUCT.

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First Aid Measures
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First Aid:GET MEDICAL ATTENTION AT ONCE. INHALED:REMOVE TO FRESH AIR.
PROVIDE CPR/OXYGEN IF NEEDED. E

YES:FLUSH WITH WATER FOR 15 MINUTES,
HOLDING EYELIDS OPEN. SKIN:WASH WITH SOAP & WATER. ORAL:DO NOT
INDUCE VOMITING. NEVER GIVE ANYTHING BY MOUTH TO AN UNCONSCIOUS
PERSON.

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

Flash Point Method:SCC

Flash Point:>200F,>93C

Extinguishing Media:WATER FOG, CARBON DIOXIDE, SAND, FOAM/DRY CHEMICAL.
WATER SPRAY MAY BE USED TO KEEP FIRE EXPOSED CONTAINERS COOL.

Fire Fighting Procedures:SELF-CONTAINED BREATHING APPARATUS
AND

PROTECTIVE CLOTHING SHOULD BE WORN IN FIGHTING FIRES INVOLVING
CHEMICALS.

Unusual Fire/Explosion Hazard:CLOSED CONTAINER MAY EXPLODE.

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

Spill Release Procedures:WEAR PROTECTIVE EQUIPMENT. ELIMINATE SOURCES
OF IGNITION. VENTILATE AREA. CONTAIN SPILL. PICK UP SPILL WITH
NON-FLAMMABLE ABSORBENT SUCH AS SAND, EARTH/USE PUMP (EXPLOSION
PROOF). GROUND ALL HANDLING EQUIPMENTS. PREVENT LIQUID FROM
ENTERING SE

WERS.

Neutralizing Agent:NOT RELEVANT

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

Handling and Storage Precautions:STORE IN A COOL, DRY PLACE AWAY FROM
SOURCES OF IGNITION & INCOMPATIBLE MATERIALS. KEEP OUT OF REACH OF
CHILDREN.

Other Precautions:AVOID BREATHING VAPORS. DO NOT GET IN EYES, ON SKIN
OR ON CLOTHING. WASH THOROUGHLY AFTER HANDLING AND BEFORE EATING OR
DRINKING. REMOVE CONTAMINATED CLOTHING PROMPTLY. LAUNDRY BEFORE
REUSE.

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Exposure Controls/Personal Protection =====

Respiratory Protection:NONE REQUIRED WHERE ADEQUATE VENTILATION
CONDITIONS EXIST. IF AIRBORNE CONCENTRATION IS HIGH, WEAR A
NIOSH-APPROVED MIST/VAPOR RESPIRATOR. WEAR SUPPLIED AIR RESPIRATOR
FOR CLEANING LARGE SPILLS OR UPON ENTRY INTO TANK.

Ventilation:MECHANICAL (GENERAL) IS RECOMMENDED. LOCAL EXHAUST MAY BE
NEEDED.

Protective Gloves:RUBBER OR PLASTIC REQUIRED

Eye Protection:CHEMICAL TYPE GOGGLES/FACE SHIELD

Other Protective

e Equipment:SAFETY SHOWER AND EYE WASH FOUNTAIN SHOULD BE LOCATED NEARBY.

Work Hygienic Practices:OBSERVE GOOD INDUSTRIAL HYGIENE PRACTICES AND RECOMMENDED PROCEDURES.

Supplemental Safety and Health

KEY1:B2. THIS PRODUCT IS A KIT CONSISTING OF TWO PARTS. PART A WITH PNI A AND PART B WITH PNI B, SAME NSN.

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

HCC:B2

NRC/State Lic Num:NOT RELEVANT

Boiling Pt:>100.C, 212.F

Vapor Pres:0.1 @ 68F

Spec Gravity:1.0

Solubility

in Water:SLIGHTLY SOLUBLE

Appearance and Odor:AMBER LIQUID, AMINE ODOR

Percent Volatiles by Volume:0

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

Stability Indicator/Materials to Avoid:YES

STRONG OXIDIZING AGENTS, STRONG MINERAL ACIDS, ISOCYANATES, BASES AND EPOXY RESIN UNDER UNCONTROLLED CONDITIONS

Stability Condition to Avoid:HEAT

Hazardous Decomposition Products:CARBON DIOXIDE, CARBON MONOXIDE, OXIDES OF NITROGEN MAY BE FORMED.

===== Disposal

Considerations =====

Waste Disposal Methods:ALL LOCAL, STATE AND FEDERAL REGULATIONS CONCERNING HEALTH AND POLLUTION BE REVIEWED TO DETERMINE APPROVED DISPOSAL PROCEDURES.

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