

Material Safety Data Sheet

For

Determination of a Amino Acid
(Sequence of a Peptide)

8-160

Please note that an MSDS is included only for those products that are chemicals. Some materials household products, e.g. soap, are not considered chemicals.

In the interest of safety, Kemtec™ has provided dilute chemicals, where possible, and recommends using them in small amounts. By using Kemtec™ dilute laboratory safety is enhanced, chemical disposal is significantly reduced and is virtually eliminated.

Thank you for your interest in Kemtec™ products.

KEMTEC™/T&S Educational, Inc.

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MATERIAL SAFETY DATA SHEET
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 Chester, OH 450 59
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SECTION I
 Product: GLYCINE
 Chemical Synonyms: Aminoacetic Acid
 Formula: $H_2NCH_2CO_2H$
 Unit Size: up to 2.5 Kg.
 C.A.S. No.: 56-40-6

SECTION II
 Principal Component(s): Glycine

SECTION III
 Melting Point (°F): 233°C (441°F)
 Boiling Point (°F): Decomposes
 Vapor Pressure (mm Hg): Negligible
 Vapor Density (Air=1): 2.6
 Solubility in Water: 25 grams/100 ml water at 20°C.
 Appearance & Odor: White crystalline powder; no odor.

SECTION IV
 Flash Point (Method Used): Non-flammable
 Explosive: Carbon dioxide (CO₂)
 Special Firefighting Procedures: None

UNUSUAL FIRE AND EXPLOSION HAZARDS

Approved by U.S. Department of Labor

24 HOUR EMERGENCY
 NFPA HAZARD RATING: 0
 NFPA HAZARD RATING: 0
 NFPA HAZARD RATING: 0

REACTIVITY OF MIXTURE
 May undergo decomposition under certain conditions. May react with oxidizing materials. May be incompatible with certain materials.

HANDLING: NON-TOXIC.

PHYSICAL DATA
 Specific Gravity (H₂O = 1):
 Melting Point (°C):
 Boiling Point (°C):
 Vapor Pressure (mm Hg):
 Vapor Density (Air = 1):
 Solubility in Water:
 Appearance & Odor:

ENVIRONMENTAL HAZARD
 Flammable (L):
 Toxic (T):
 Corrosive (C):
 Irritant (I):
 Hazardous (H):
 Environment (E):

SAFETY DATA SHEET
 GG 150
 February 27, 1995

ASSISTANCE
 Health: 1
 Fatal: 1
 Irritation: 0
 HMIS: HIGH-EXTREME

TLV UNITS
 None established.

OSHA-20
 Similar to four

SEC
 Three

Efec

Eme First

Stab

Incol (Malt)

Haza

Dec

Hazel

SE Step male

Was

SE Respir. Specif.

Ven

PROL

SE

Preci In Fla

Other Equip.

For lab

Rev

Other Equip.

HEA

NO

ME

HA

NI

WH

BY

EM

FE

GN

CO

HO

ALL

REA

CI

SP

SP

SP

SP

SP

SP

SP

SP

SP

SP

SP

Label Identity: DNP, D-11

Product Name: DNP-Peptide

Chemical Name: C

Synonyms:

RTECS: Not hazardous

Properties: Solid

Health Hazard Data:

Not hazardous

Only selected registry of toxic effects of chemical substances data is reported here. See RTECS entry for complete information.

Health Hazard:

Toxicological properties have not been thoroughly investigated

Skin and eye irritation:

Irritant. Keep away from eyes. Do not breathe in dust of this product.

Physical Hazards/Reactivity Data:

Hygroscopic. Avoid exposure to room or damp air.

Irritant to eyes and skin.

Store at room temperature.

Incompatibilities:

Strong oxidizing agents.

Hazardous Combustion or Decomposition Products:

Carbon monoxide, and carbon dioxide and nitrogen oxides

Emits toxic fumes under fire conditions.

Use water spray, dry chemical powder alcohol or polymer foam

Meets criteria for RTECS registry of toxic effects of chemical substances. Data is presented here only as a selected registry. See actual entry in RTECS for complete information.

Control Measures:

Keep container closed and stored in an area which is cool and dry. Keep away from flames and high heat.

Use adequate ventilation when dispensing or handling. Use gloves when handling. Avoid prolonged or repeated exposure to the solid with skin or lungs. Store in a cool, dry place. Avoid exposure to damp air or humid regions. If inhaled, remove to fresh air.

If spilled, wipe up using rubber gloves. Rinse with water. Do not use paper towels. Be sure that wiping materials are stored in a flame proof container.

The above information is believed to be correct, though not all inclusive. KEMTEC shall not be liable for damage or injury resulting from handling the above product. The materials provided by KEMTEC are for use only in the procedures included in the kit and should be discarded in accordance with all applicable regulations within one year of purchase.

Label Identity: DNP-Glycine



Product Name: DNP-Glycine

Chemical Name: DNP-Glycine

Synonyms: DNP-Glycine, N-(2,4-dinitrophenyl)glycine

RTECS: MC0070000

Hazardous Components: DNP-Glycine CAS # 1084-76-0

Properties: Solid

Health Hazard Data:

Not hazardous

Only selected registry of toxic effects of chemical substances data is reported here. See RTECS entry for complete information.

Health Hazard:

Toxicological properties have not been thoroughly investigated.

Skin and eye irritation:

Irritant. Keep away from eyes. Do not breathe in dust of this product.

Physical Hazards/Reactivity Data:

Hygroscopic. Avoid exposure to room or damp air.

Irritant to eyes and skin.

Store at room temperature.

Incompatibilities:

Strong oxidizing agents.

Hazardous Combustion or Decomposition Products:

Carbon monoxide, and carbon dioxide and nitrogen oxides.

Emits toxic fumes under fire conditions.

Use water spray, dry chemical powder alcohol or polymer foam.

Wear self contained breathing apparatus and protective clothing to prevent contact with skin and eyes.

Make certain for RTECS entry of toxic effects of chemical substances data is reported here. See actual entry in RTECS for complete information.

Control Measures:

Keep container closed and stored in an area which is cool and dry. Keep away from flames and high heat. Use adequate ventilation when dispensing or handling. Use in hood. Do not take internally. Wear goggles and gloves when handling. Avoid prolonged or repeated exposure to the solid with skin or lungs. Store in a cool dry place.

If spilled, wipe up using rubber gloves. Rinse with water. Do not use paper towels. Be sure that wiping materials are stored in a flame proof container.

The above information is believed to be correct, though not all inclusive. KEMTEC shall not be liable for damage procedures included in the kit and should be discarded in accordance with all applicable regulations within one year of purchase.



Product Name: Glycine

Chemical Name: Glycine, free base, Amino acid

Synonyms: Glycine L

RTECS: MB7600000

Hazardous Components:

Glycine CAS # 56-10-6

Properties: White crystalline solid at room temperature. Melting point 262°C. Decomposes.

Health Hazard Data:

ORI-RAT LD50: 7930 mg/kg

YACHDS 5.1502.77

VN-RAT LD50: 2000 mg/kg

YACHDS 5.1502.77

EPA TSCA chemical inventory 1986

Toxicological properties have not been fully investigated.

Only selected registry of toxic effects of chemical substances data is reported here. See RTECS entry for complete information.

Health Hazard:

May be harmful by inhalation, ingestion, or skin absorption. May cause skin irritation.

Toxicological properties have not been thoroughly investigated.

Laboratory experiments have shown mutagenic effects.

Skin and eye irritation:

Irritant. Keep away from eyes. Do not breathe in dust of this product.

Physical Hazards/Reactivity Data:

Hygroscopic. Avoid exposure to room or damp air.

Irritant to eyes and skin.

Store at room temperature.

Incompatibilities:

Strong oxidizing agents.

Hazardous Combustion or Decomposition Products:

Carbon monoxide, and carbon dioxide and nitrogen oxides.

Emits toxic fumes under fire conditions.

Use water spray, dry chemical powder, alcohol or polymer foam.

Wear self contained breathing apparatus and protective clothing to prevent contact with skin and eyes.

Meets criteria for RTECS registry of toxic effects of chemical substances. Data is presented here only as a selected registry. See actual entry in RTECS for complete information.

Control Measures:

Keep container closed and stored in an area which is cool and dry. Keep away from flames and high heat.

Use adequate ventilation when dispensing or handling. Use in hood. Do not take internally. Wear goggles and gloves when handling. Avoid prolonged or repeated exposure to the dust without use of respirator. Store in a cool, dry place. Avoid exposure to damp air or humid regions. If inhaled, remove to fresh air.

If spilled, wipe up using rubber gloves. Rinse with water. Do not use paper towels. Be sure that wiping materials are stored in a flame proof container.

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Label Identity:

Proline

7/12/01

Product Name: Proline (C₆H₁₄N₄O₂)

Chemical Name: Proline, Amino acid



Gateway to Knowledge

Hazardous Components: Proline CAS # 147-85-3

Properties: White crystalline solid at room temperature. MP>245°C decomposes

Health Hazard Data:

Not hazardous

EPA Genetox Program, 1986, negative, host mediated assay

EPA TSCA chemical inventory 1986

Only selected registry of toxic effects of chemical substances RTECS have been presented here. See actual entry in RTECS for complete information.

Health Hazard:

Toxicological properties have not been thoroughly investigated.

Skin and eye irritation:

Irritant. Keep away from eyes. Do not breathe in dust of this product.

Physical Hazards/Reactivity Data:

Hygroscopic. Avoid exposure to room or damp air.

Irritant to eyes and skin.

Store at room temperature.

Incompatibilities:

Strong oxidizing agents.

Hazardous Combustion or Decomposition Products:

Carbon monoxide, and carbon dioxide and nitrogen oxides.

Emits toxic fumes under fire conditions.

Use water spray, dry chemical powder alcohol or polymer foam.

Wear self contained breathing apparatus and protective clothing to prevent contact with skin and eyes.

First Aid:

In case of contact, immediately flush eyes with copious amounts of water for at least 15 minutes. In case of contact, immediately wash skin with soap and copious amounts of water. If inhaled, remove to fresh air. If not breathing give artificial respiration. If breathing is difficult give oxygen. If swallowed, wash out mouth with water provided person is conscious. call a physician. Wash contaminated clothing before

Control measures:

Keep container closed and stored in an area which is cool and dry. Keep away from flames and high heat. Use adequate ventilation when dispensing or handling. Use in hood. Do not take internally. Wear goggles and gloves when handling. Avoid prolonged or repeated exposure to the solid with

If spilled, wipe up using rubber gloves. Rinse with water. Do not use paper towels. Be sure that wiping materials are stored in a flame proof container. May cause spontaneous combustion.

The above information is believed to be correct, though not all inclusive. Kemtec shall not be held liable for damage or injury resulting from handling the above product. The materials provided by Kemtec are for use only in the procedures included in the kit and should be discarded in accordance with an applicable regulation within one year of purchase.

Product Name: L-lysine
Chemical Name: L-lysine, Amino acid
Synonyms: Lysine-L

RTECS: OL5540000

Hazardous Components: L-lysine CAS # 56-84-7-1

Properties: White crystalline solid at room temperature MP 212°C to 214°C



Health Hazard Data:

EPA Genetox program 1986, negative, Sperm morphology-human
EPA TSCA chemical inventory, 1986

Health Hazard:

Toxicological properties have not been thoroughly investigated.

Skin and eye irritation:

Irritant. Keep away from skin, clothing, and eyes. Do not breathe in dust of this product.

Physical Hazards/Reactivity Data:

Hazardous. Avoid exposure to room or damp air.

Irritant to eyes and skin.
Store at room temperature.

Incompatibilities:

Carbon monoxide, and carbon dioxide and nitrogen oxides.

Hazardous Combustion or Decomposition Products:

Use water spray, carbon dioxide, dry chemical powder alcohol or polymer foam.

Wear self contained breathing apparatus and protective clothing in prevent contact with skin and eyes.

Meets criteria for OSHA Medical Records rule: EREAC 47 30420-82

Control Measures:

Keep container closed and stored in an area which is cool and dry. Keep away from flames and high heat. Use adequate ventilation when dispensing or handling. Use in hood. Do not take internally. Wear goggles and gloves when handling. Avoid prolonged or repeated exposure to the solid with skin or lungs. Store in a cool, dry place. Avoid exposure to damp air or humid regions. If spilled, wear an nitrile rubber gloves. Rinse with water. Do not use paper towels. Be sure that

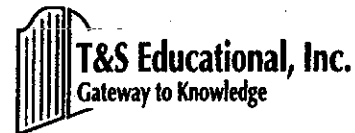
The above information is believed to be correct, though not all inclusive. Kemtec shall not be held liable for damage or injury resulting from handling the above product. The materials provided by Kemtec are for use only in the procedures

Label Identity:

Arginine

7/12/01

Product Name: Arginine
Chemical Name: Arginine (C₆H₁₄N₄O₂)
RTECS: HA2690000
Hazardous Components: Arginine CAS # 17806-42-7
Properties: White crystalline solid



Health Hazard Data:

Toxicity Data and References:

OPD DATA 50 5510 " KSRNAM 4,135,70
SUB-MUS LD50 2670 mg/kg KSRNAM 4,135,70
EPA TSCA chemical inventory 1986

Only selected registry of toxic effects of chemical substances RTECS have been presented here. See actual entry in RTECS for complete information.

Health Hazard:

May be harmful if swallowed, inhaled, or absorbed through skin. Causes eye and skin irritation. Material's physical and toxicological properties have not been thoroughly investigated.

Skin and eye irritation:

Irritant. Keep away from skin, clothing, and eyes.

Physical Hazards/Reactivity Data:

Hygroscopic. Avoid exposure to room or damp air.
Irritant to eyes and skin.

Incompatibilities:

Strong reducing materials, strong acids, strong bases, strong oxidizing agents

Hazardous Combustion or Decomposition Products:

Emits toxic fumes under fire conditions.
May cause fire or explosion on contact with other materials.

First Aid:

In case of contact, immediately flush eyes with copious amounts of water for at least 15 minutes. In case of contact, immediately wash skin with soap and copious amounts of water. If inhaled, remove to fresh air. If not breathing, give artificial respiration. If breathing is difficult, give oxygen. If swallowed, wash out mouth with water provided person is conscious, call a physician. Wash contaminated clothing before reuse.

Control Measures:

Keep container closed and store in air area which is cool and dry. Keep away from flames and high heat. Use adequate ventilation when dispensing or handling. Use in hood. Do not take internally. If spilled, wipe up using rubber gloves. Rinse with water. Do not use paper towels. Be sure that wiping materials are stored away from contact.

The above information is believed to be correct though not all inclusive. Kemtec shall not be held liable for damage or included in the kit and should be discarded in accordance with all applicable regulation within one year of purchase.

Product Name: DNP-Phenylalanine
Chemical Name: DNP-Phenylalanine $C_{15}H_{13}N_3O_6$



RTECS: Non hazardous

Hazardous Components: DNP-Phenylalanine, CAS # 1655-54-5

Properties: Solid

Health Hazard Data:

Not hazardous

Only selected registry of toxic effects of chemical substances RTECS, have been presented here. See actual entry in RTECS for complete information.

Health Hazard:

Toxicological properties thoroughly investigated

Skin and eye irritation:

Irritant. Keep away from eyes. Do not breathe in dust of this product

Physical Hazards/Reactivity Data:

Hygroscopic. Avoid exposure to room or damp air.

Irritant to eyes and skin.

Store at room temperature.

Incompatibilities:

Strong oxidizing agents, strong acids, strong bases, strong reducing agents.

Hazardous Combustion or Decomposition Products:

Carbon monoxide, carbon dioxide, and nitrogen oxides.

Emits toxic fumes under fire conditions.

Use water spray, dry chemical powder alcohol or polymer foam.

Wear self-contained breathing apparatus and protective clothing to prevent contact with skin and eyes.

First Aid:

In case of contact, immediately flush eyes with copious amounts of water for at least 15 minutes. In case of contact, immediately wash skin with with soap and copious amounts of water. If inhaled, remove to fresh air. If not breathing give artificial respiration. If breathing is difficult, give oxygen. If swallowed, wash out mouth with water provided person is conscious, call a physician. Wash contaminated clothing before reuse.

Control Measures:

Keep container closed and stored in an area which is cool and dry. Keep away from flames and high heat. Use adequate ventilation when dispensing or handling. Use in hood. Do not take internally.

Wear goggles and gloves when handling. Avoid prolonged or repeated exposure to the solid with skin or lungs. Store in a cool, dry place. Avoid exposure to damp air or humid regions.

If spilled, wipe up using rubber gloves. Rinse with water. Do not use paper towels. Be sure that wiping materials are stored in a flame proof container. May cause spontaneous combustion.

The above information is believed to be correct, though not all inclusive. Vendor shall not be held liable for damages or injury resulting from handling the above product. The user shall be held liable for any damage or injury resulting from handling the above product. This information is provided for use only in the procedures included in the kit and should be discarded in accordance with all applicable regulation within one year of purchase.

Section 1: Identification

Section 6: Accidental Release Measures

Product Name: **37% Laboratory**

Reactivity: **6**

Section 7: Handling and Storage

Synonyms:

Hazard: **Least Slight Moderate High Extreme**

Store in a cool dry well ventilated area out of direct sunlight. Keep away from heat and flame. Do not get in eyes, on skin, or on clothing.

Formula: **CH2O**

MSHA - Not Applicable NF - Not

Section 8: Exposure Controls/Personal Protection

C.A.S

CAS# 50-00-0

Mechanical:

Protective NIOSH Approved

Local Exhaust

Eye Goggles and face

Protection Shield

Other Protective Equipment: **Wash appropriate**

Section 9: Physical and Chemical Properties

Section 3: Hazard Identification

Keep away from heat and ignition sources. Harmful if swallowed. Avoid breathing vapors. Use with adequate ventilation. Avoid contact with skin and clothes. Wash thoroughly after handling. Keep container closed.

Volume:

2.33 g/cm³

Vapor Pressure:

Evaporation Rate: **N/A**

Boiling Point: **100**

Freezing Point: **-16**

Density: **1.03**

Evaporation Standard: **N/A**

Keep away from heat and ignition sources. Harmful if swallowed. Avoid breathing vapors. Use with adequate ventilation. Avoid contact with skin and clothes. Wash thoroughly after handling. Keep container closed.

Solubility in water: **Combin**

Temperature:

Upper Flamm. Limit:

Lower Flamm. Limit:

FIRST AID: CALL A PHYSICIAN. SKIN: In case of contact, immediately wash with water. Eyes: Flush with water for at least 15 minutes. Inhalation: Move to fresh air. Breathing: Give oxygen if breathing is difficult.

Flash Point: **30 C**

Upper Flamm. Limit: **7.3%**

Lower Flamm. Limit: **0.2%**

Section 10: Stability and Reactivity Information

Never flush down drain. Avoid contact with incompatible materials. Do not mix with oxidizing agents. Do not mix with strong acids. Do not mix with strong bases. Do not mix with strong oxidizers. Do not mix with strong reducers. Do not mix with strong acids. Do not mix with strong bases. Do not mix with strong oxidizers. Do not mix with strong reducers.

Stability: **Stable**

Materials to Avoid:

Hazardous Decomposition Products:

Section 5: Fire Fighting Measures

Fire Extinguisher: **Carbon Dioxide, dry chemical powder or appropriate foam**

Hazardous Polymerization: **Will Not Occur**
Condition to Avoid: **None known**

Type: **Flammable**
Fire/Explosion: **Thermal decomposition produces highly toxic fumes.**

Fire Fighting: **Use water spray to cool fire exposed containers. Wear self-contained breathing apparatus and proper clothing to prevent contact with skin & clothing.**

Section 11: Additional Information

Toxic Carcinogen: **Flammable**
Conditions aggravated: **target organs**
Persons with preexisting eye or respiratory conditions may be especially susceptible to irritation.
Irritation or burns to skin, eyes, mucous membranes, and upper respiratory tract. May cause allergic reactions.
Coughing, chest pains, pulmonary edema, GI tract disturbance. Effects

DOT Classification: **Formaldehyde Solution, 3, 8, UN108, PGIII, 8**

MATERIAL SAFETY DATA SHEET

CATALOG #: C0261
NAME: CARBOXYPEPTIDASE A TYPE I FROM BOVINE PANCREAS

HAZARDS IDENTIFIED WITH THIS PRODUCT ARE THOSE ASSOCIATED WITH THE FOLLOWING COMPONENT(S). REFER TO THE MATERIAL SAFETY DATA SHEET(S) FOR THE LISTED ITEM(S).

Table with 3 columns: CATALOG NUMBER, NAME, PERCENT. Row 1: CARBOXYPEPTIDASE A TYPE I CRYSTALLINE POWDER, < 11.00

----- MULTIPLE COMPONENT SPILL OR LEAK PROCEDURES -----

STEPS TO BE TAKEN IF MATERIAL IS RELEASED OR SPILLED: RUBBER GLOVES. ABSORB ON SAND OR VERMICULITE AND PLACE IN CLOSED CONTAINERS FOR DISPOSAL. VENTILATE AREA AND WASH SPILL SITE AFTER MATERIAL PICKUP IS COMPLETE. WASTE DISPOSAL METHOD

DISSOLVE IN MIX THE MATERIAL WITH A COMBUSTIBLE SOLVENT AND BURN IN A CHEMICAL INCINERATOR EQUIPPED WITH AN AFTERBURNER AND SCRUBBER. OBSERVE ALL FEDERAL, STATE AND LOCAL ENVIRONMENTAL REGULATIONS.

LABEL PRECAUTIONARY STATEMENTS

TOXIC
TOXIC BY INHALATION, IN CONTACT WITH SKIN AND IF SWALLOWED
IRRITATING TO EYES, RESPIRATORY SYSTEM AND SKIN

TARGET ORGAN(S):

LIVER
KIDNEYS

IN CASE OF ACCIDENT OR IF YOU FEEL UNWELL, SEEK MEDICAL ADVICE.

IMMEDIATELY (SHOW THE LABEL WHERE POSSIBLE),
IN CASE OF CONTACT WITH EYES, RINSE IMMEDIATELY WITH PLENTY OF WATER AND SEEK MEDICAL ADVICE.

WEAR SUITABLE PROTECTIVE CLOTHING, GLOVES AND EYE/FACE PROTECTION.

SECTION 1. ----- CHEMICAL IDENTIFICATION -----

CATALOG #: C0261
NAME: CARBOXYPEPTIDASE A TYPE I FROM BOVINE PANCREAS

SECTION 2. ----- COMPOSITION/INFORMATION ON INGREDIENTS -----

CAS #: 11075-17-5

TOXIC

TOXIC BY INHALATION, IN CONTACT WITH SKIN AND IF SWALLOWED
IRRITATING TO EYES, RESPIRATORY SYSTEM AND SKIN

TARGET ORGAN(S):

LIVER
KIDNEYS

IN CASE OF ACCIDENT OR IF YOU FEEL UNWELL, SEEK MEDICAL ADVICE

IMMEDIATELY (SHOW THE LABEL WHERE POSSIBLE),

WATER AND SEEK MEDICAL ADVICE.
WEAR SUITABLE PROTECTIVE CLOTHING, GLOVES AND EYE/FACE PROTECTION.

SECTION 4. ----- FIRST-AID MEASURES -----

IF SWALLOWED, WASH GENTLY WITH WATER. PROCEED TO NEAREST HOSPITAL OR CALL A PHYSICIAN.

CALL A PHYSICIAN.
IN CASE OF SKIN CONTACT, FLUSH WITH COPIOUS AMOUNTS OF WATER FOR AT LEAST 15 MINUTES. REMOVE CONTAMINATED CLOTHING AND

WASH GENTLY WITH WATER.

CALL A PHYSICIAN

IN CASE OF CONTACT WITH EYES, FLUSH WITH COPIOUS AMOUNTS OF WATER

FOR AT LEAST 15 MINUTES. REMOVE CONTAMINATED CLOTHING AND WASH THE EYELIDS WITH FINGERS. CALL A PHYSICIAN.

SECTION 5. ----- FIRE FIGHTING MEASURES -----

EXTINGUISHING MEDIA

WATER SPRAY.
CARBON DIOXIDE, DRY CHEMICAL POWDER OR APPROPRIATE FOAM.
SPECIAL FIREFIGHTING PROCEDURES
WEAR SELF-CONTAINED BREATHING APPARATUS AND PROTECTIVE CLOTHING TO
PREVENT CONTACT WITH SKIN AND EYES.

WEAR RESPIRATOR, CHEMICAL RESISTANT GOGGLES, OTHER PROTECTIVE CLOTHING
RUBBER GLOVES.
ABSORB ON SAND OR VERMICULITE AND PLACE IN CLOSED CONTAINERS FOR
DISPOSAL.

SECTION 7.----- HANDLING AND STORAGE-----

REFER TO SECTION 8.

SECTION 8.----- EXPOSURE CONTROLS/PERSONAL PROTECTION-----

WEAR APPROPRIATE NIOSH/MSHA-APPROVED RESPIRATOR, CHEMICAL-RESISTANT
GLOVES, SAFETY GOGGLES, OTHER PROTECTIVE CLOTHING.
MECHANICAL EXHAUST.
STORE IN A COOL DRY PLACE.

SECTION 9.----- PHYSICAL AND CHEMICAL PROPERTIES-----

APPEARANCE AND ODOR
SUSPENSION.

SECTION 10.----- STABILITY AND REACTIVITY-----

STABLE.

HAZARDOUS DECOMPOSITION OR DECOMPOSITION PRODUCTS

NATURE OF DECOMPOSITION PRODUCTS NOT KNOWN.
HAZARDOUS POLYMERIZATION
WILL NOT OCCUR.

SECTION 11.----- TOXICOLOGICAL INFORMATION-----

ACUTE EFFECTS

SENSITIVE INDIVIDUALS.

THE TOXICOLOGICAL PROPERTIES HAVE NOT BEEN THOROUGHLY
INVESTIGATED.

SECTION 12.----- ECOLOGICAL INFORMATION-----

DATA NOT YET AVAILABLE.

SECTION 13.----- DISPOSAL CONSIDERATIONS-----

OBSERVE ALL FEDERAL, STATE AND LOCAL ENVIRONMENTAL REGULATIONS.

SECTION 14.----- REGULATORY INFORMATION-----

R 23/24/25

TOXIC BY INHALATION, IN CONTACT WITH SKIN AND IF SWALLOWED

R 36/37/38

IRRITATING TO EYES, RESPIRATORY SYSTEM AND SKIN

S 45

IN CASE OF ACCIDENT OR IF YOU FEEL UNWELL, SEEK MEDICAL ADVICE

S 26

IN CASE OF CONTACT WITH EYES, RINSE IMMEDIATELY WITH PLENTY OF
WATER AND SEEK MEDICAL ADVICE.

S 36/37/39

WEAR SUITABLE PROTECTIVE CLOTHING, GLOVES AND EYEFACE
PROTECTION.

SECTION 16.----- OTHER INFORMATION-----

THE ABOVE INFORMATION IS BELIEVED TO BE CORRECT BUT DOES NOT PURPORT TO
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