INHALATION:

- If inhaled, remove to fresh air. If not breathing, give artificial respiration. If breathing is inhibited, seek immediate medical attention.
- If swallowed, do not induce vomiting. Call a physician or poison control center immediately. Never give anything by mouth to an unconscious person.

**SECTION 2: COMPOSITION, INFORMATION ON INGREDIENTS**

<table>
<thead>
<tr>
<th>INGREDIENT NAME</th>
<th>CAS#</th>
<th>INGREDIENT PERCENT</th>
</tr>
</thead>
<tbody>
<tr>
<td>Trade Secret</td>
<td>N/A</td>
<td>60-100 by weight</td>
</tr>
</tbody>
</table>

**SECTION 3: HAZARDS IDENTIFICATION**

**WARNING:**

- Potential sensitizers: Irritant.
- Applies to hazardous ingredients:
  - Route of exposure: Eyes, skin, Inhalation, Ingestion.

**Potential health effects:**

- Eye contact: Can cause severe eye irritation and burns. Eye contact may cause permanent damage or blindness.
- Skin contact: Causes severe skin irritation. May cause permanent skin damage. Allergic reactions are possible.
- Ingestion: Causes irritation, a burning sensation of the mouth, throat and gastrointestinal tract and abdominal pain.
- Respiratory irritation:
  - Individual with pre-existing skin disorders, asthma, allergies or known sensitization may be more susceptible to the effects of this product.

**SECTION 4: FIRST AID MEASURES**

- Flush eyes with plenty of water for at least 15 to 20 minutes. Use adequate flushing of the eyes by separating the eyelids with fingers. Get immediate medical attention.
- Skin contact: Immediately wash skin with plenty of soap and water for 15 to 20 minutes, while removing contaminated clothing and shoes. Get medical attention if irritation develops or persists.

**SECTION 5: FIRE FIGHTING MEASURES**

- This material is not hazardous. Use water or foam to extinguish.
- Keep away from heat and不允许 exposed container to minimize risk of rupture. Do not enter confined fire space without full protective gear. If possible, contain fire run-off water.

**SECTION 6: ACCIDENTAL RELEASE MEASURES**

- Avoid personal contact and breathing vapors or mists. Ventilate area.
- Use proper personal protective equipment as listed in Section 8.

**Personal Precautions:**

- Remove and keep unnecessary and unprotected personnel from entering the spill area.

**Still Clean-up measures:**

- Absorb spills with inert material (e.g., dry sand or earth). Place in a chemical waste container.
- Consult procedure for selection, training, inspection and maintenance of the personal protective equipment.

**Special handling procedures:**

- Provide appropriate ventilation/respiratory protection against decomposition products (see Section 10) during welding/flame cutting operations and to protect against deep burning/radiating/tinged of cured product.

**SECTION 7: HANDLING AND STORAGE**

- Use with adequate ventilation. Avoid breathing vapor, aerosol, or mist.
- Storage:
  - Store in a cool, dry, well ventilated area away from sources of heat and incompatible materials. Keep container tightly closed when not in use. Do not store in concrete metal container. Keep container out of reach of children.
  - Hygiene practices: Wash thoroughly after handling.

**ENGINEERING CONTROLS:**

- Use appropriate engineering control such as process enclosure, local exhaust ventilation, general dilution ventilation, or other engineering controls. Adequate levels below recommended exposure limits. Where such systems are not available use suitable personal protective equipment. Which performs satisfactorily and meets OSHA or other recognized standards.

**SKIN PROTECTION DESCRIPTION:**

- Wear appropriate protective gloves and other protective apparel to prevent contact with skin.

**HAND PROTECTION DESCRIPTION:**

- Wear appropriate protective gloves. Consult glove manufacturer's data for permeability information.

**EYE/FACE PROTECTION:**

- Wear appropriate protective glasses or splash goggles as described by 29 CFR 1910.133, OSHA eye and face protection regulation, or the European standard EN 166.

**RESPIRATORY PROTECTION:**

- A NIOSH approved air-purifying respirator with an organic vapor/particulate combination cartridge or filter may be permissible under certain circumstances. Where airborne concentrations are expected to exceed exposure limits, use personal protective equipment provided by the employer. If a positive pressure air supplied respirator is not available for an uncontaminated release, exposure levels are not known, or any other circumstances where air purifying respirators may not provide adequate protection.
SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

CLEAR TO SLIGHT YELLOW.

PHYSICAL STATE: LIQUID.

ODOR: MERCAPTAN

PHYSICAL STATE: LIQUID.

pH: 9.5 @ 5 PERCENT SOLUTION

VAPOR PRESSURE: <= 1 MMHG @ 70 Dm. F

VAPOR DENSITY: NOT DETERMINED.

BOILING POINT: NOT DETERMINED.

MELTING POINT: NOT DETERMINED.

SOLUBILITY IN WATER: NEGLIGIBLE.

SPECIFIC GRAVITY: 1.13

EVAPORATION POINT: NOT DETERMINED.

PERCENT VOLATILE: 0

VOLATILE ORGANIC COMPOUNDS: 0 G/L

MOLECULAR FORMULA: VARIES

MOLECULAR WEIGHT: VARIES

PERCENT SOLIDS BY WEIGHT: 100.

SECTION 10: STABILITY AND REACTIVITY

CHEMICAL STABILITY: STABLE UNDER NORMAL TEMPERATURES AND PRESSURES.

CONDITIONS TO AVOID:
EXTREME HEAT, SPARKS, AND OPEN FLAME. INCOMPATIBLE MATERIALS, OXIDIZERS AND OXIDIZING CONDITIONS.

INCOMPATIBILITIES WITH OTHER MATERIALS:
OXIDIZERS, ACIDS, AND CHLORINATED ORGANIC COMPOUNDS, REACTIVE METALS (E.G. SODIUM, CALCIUM, ZINC), SODIUM/CALCIUM HYPOCHLORITE, NITRIC ACID/ OXIDE, NITRITES, PEROXIDES. MATERIALS REACTIVE WITH HYDROXYL COMPOUNDS.

HAZARDOUS POLYMERIZATION: NOT REPORTED.

SECTION 11: TOXICOLOGICAL INFORMATION

ECOTOXICITY: NO ECOTOXICITY DATA WAS FOUND FOR THE PRODUCT.

ENVIRONMENTAL FATE: NO ENVIRONMENTAL INFORMATION FOUND FOR THIS PRODUCT.

SECTION 12: ECOLOGICAL INFORMATION

ECOTOXICITY: NO ECOTOXICITY DATA WAS FOUND FOR THE PRODUCT.

ENVIRONMENTAL FATE: NO ENVIRONMENTAL INFORMATION FOUND FOR THIS PRODUCT.

SECTION 13: DISPOSAL CONSIDERATIONS

WASTE DISPOSAL:
CONSULT WITH THE USA EPA GUIDELINES LISTED IN 40 CFR PART 261.3 FOR THE CLASSIFICATIONS OF HAZARDOUS WASTE PRIOR TO DISPOSAL. FURTHERMORE, CONSULT WITH YOUR STATE AND LOCAL WASTE REQUIREMENTS OR GUIDELINES. IF APPLICABLE, TO ENSURE COMPLIANCE. ARRANGE DISPOSAL IN ACCORDANCE TO THE EPA AND/OR STATE AND LOCAL GUIDELINES.

RCRA HAZARD CLASS: NONE

SECTION 14: TRANSPORT INFORMATION

DOT SHIPPIING NAME: NON-REGULATED

DOT UN NUMBER: N/A

DOT HAZARD CLASS: N/A

DOT PAILING GROUP: N/A

DATA SHIPPING NAME: NON-REGULATED

HAZARDBUSINESS NUMBER: N/A

TECHNICAL NAME: N/A

SECTION 15: REGULATORY INFORMATION

APPLIES TO ALL INGREDIENTS:

TSCA, 8(b)

INVENTORY STATUS:
ALL OF THE CONSTITUENTS OF THIS PRODUCT ARE EITHER TSCA LISTED OR EXEMPT FROM LISTING.

COMMENTS:

SUBSTANTIAL:
THE PRODUCT CONTAINS A CHEMICAL KNOWN TO THE STATE OF CALIFORNIA TO CAUSE CANCER AND BIRTH DEFECTS OR OTHER REPRODUCTIVE HARM.

CANADIAN REGULATIONS:

TSCA HAZARD CLASS (ES): D2B

ALL COMPONENTS OF THIS PRODUCT ARE ON THE CANADIAN DOMESTIC SUBSTANCES LIST.

SECTION 16: ADDITIONAL INFORMATION

HMIS:

HEALTH HAZARD: 3

FIRE HAZARD: 1

PERSONAL PROTECTION: X

NFPA:

HEALTH: 3

FIRE HAZARD: 1

REACTIVITY: 1

MSDS REVISION DATE: 10/10/2006

MSDS AUTHOREX: ACTIO CORPORATION

DISCLAIMER:

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