

Section 2-Composition/ Information on Indgredients

| CAS # | Hazardous Component | OSHA PEL | ACGIH TLV | OTHER LIMITS | % (by weight) |
|-------|---------------------|----------|-----------|--------------|---------------|
| | Ammonium Hydroxide | | 25 ppm | | 0.25 |
| | Hexylene Glycol | | 25 ppm | | 0.30 |
| | | | | | |
| | | | | | |
| | | | | | |

Section 3-Physical/Chemical Properties

| | | | |
|-------------------------|--------|---------------------------------------|-------------------|
| Physical State | Liquid | Solubility in water | appreciable |
| Boiling point | 212? F | Specific Gravity (H ₂ O=1) | 1.20-1.22 |
| Vapor Pressure (mm Hg.) | | Melting Point | |
| Freezing Point | 32? F | PH | 10 |
| Percent Volatile | 60% | VOC | |
| Vapor Density (AIR=1) | <1 | Evaporation rate | Slower than ether |
| Appearance and odor | | | |

Section 4-Fire Fighting Measures

Flash Point: N/A

Method Used:

Upper Flammability Limit (UFL): N/A Lower Flammability Limit (LFL): N/A

Auto Ignition:

Flammability classification:

Rate of Burning:

General Fire Hazards:

Extinguishing Media: CO₂, FOAM, DRY CHEMICAL, ALCOHOL FOAM, WATER FOG

Fire Fighting Equipment/Instructions: Product will not burn until after it has boiled or evaporated. For dried film or residual solids, full protection equipment is recommended, including self-contained breathing apparatus.

Section 5-Health Hazard Data

Summary: a TLV for this mixture has not been established. Therefore, the following effects are those of the individual components of section 2.

Primary routes of entry: dermal, inhalation

Target Organs: unknown

Inhalation: mist can cause damage to nasal and respiratory passages.

Skin: can cause irritation or burns

Absorption: unknown

Ingestion: can damage throat and esophagus

Eyes: can cause irritation or burns

Medical Conditions aggravated by exposure: none known

Health Hazards (Acute & Chronic):

unknown

Section 6-First Aid Measures

First Aid:

Inhalation- remove to fresh air

Skin- wash with soap and water

Ingestion- give two glasses of water, induce vomiting, consult physician or poison control center. **Never give anything by mouth to an uncounscious person.**

Eyes- flush with clean water at least 15 minutes.

Notes to Physician:

Section 7-Accidental release measures

Containment Procedures:

Contain the liquid with inert material such as sand. Absorb liquids using an inert material & shovel into containers. Prevent product from entering streams or drinking water supplies.

Clean-Up Procedures:

Before drying, product may be washed away with water; after drying, remove with a paint scraped or strong solvent.

Section 8- Handling & Storage

Handling Procedures:

Avoid breathing vapors and application to hot surfaces, as vapors may be irritating. Keep container closed. Use with adequate ventilation.

Storage Procedures:

Store indoors at temperatures of 45?-90?F

Section 9-Exposure Controls/Personal Protection

Ventilation:

General (mechanical) room ventilation is expected to be satisfactory.

Personal Protective Equipment:

Eyes/Face- Goggles, faceshield, or other eyewear to protect from splash.

Skin- Impervious gloves

Respiratory- In restricted ventilation areas, use approved chemical vapor respirator. In applications where mists or spray may be generated, avoid inhalation of airborne particulates by using an approved respirator with organic vapor cartridge with prefilter for mist or dust.

General- Thoroughly cleanse hands after handling. Launder contaminated clothing before reuse.

Section 10-Chemical Stability & Reactivity Information

| | | | |
|------------------|-----------------|---|----------------------------|
| Stability | Unstable | | Conditions to Avoid |
| | Stable | x | None known |

Incompatibility (Materials to Avoid)

Materials incompatible with water

Hazardous Decomposition or Byproducts

Thermal decomposition will yield CO, CO₂, HPO_x, nitrogen compounds, and ammonia.

| | | | |
|---------------------------------|-----------------------|---|----------------------------|
| Hazardous Polymerization | May Occur | | Conditions to Avoid |
| | Will Not Occur | x | |

Comments:

Section 11-Disposal Considerations

Disposal Method:

Dispose of in accordance with state and local regulations

Comments:

Section 12-Transportation Information

DOT Information:

Section 13-Other Information