Section 1 - PRODUCT AND COMPANY IDENTIFICATION

Material Name
E-Mist NF

Product Use
Mist Suppressant.

Details of the supplier of the safety data sheet
Electrochemical Products Inc.
17000 West Lincoln Ave
New Berlin, WI 53151
Phone: 262-786-9330
Emergency Phone #: NCEC (#EPI-29003) +1 202 464 2554, +44 1865 407333
E-mail: us-sales@epi.com
www.epi.com
Fax: 262-786-9403

Section 2 - HAZARDS IDENTIFICATION

Classification in accordance with paragraph (d) of 29 CFR 1910.1200.
Hazardous to the Aquatic Environment - Acute - Category 3

GHS Label Elements
Symbol(s)

Signal Word
Warning.

Hazard Statement(s)
Harmful to aquatic life.

Precautionary Statement(s)
Prevention
Avoid release to the environment.

Response
None needed according to classification criteria.

Storage
None needed according to classification criteria.
This product may cause irritation to the eyes. This product may cause irritation to the skin.

Disposal
Dispose of contents/container in accordance with local/regional/national/international regulations.

Statement(s) of Unknown Aquatic Toxicity
0% of the mixture consists of ingredient(s) of unknown acute aquatic toxicity.

Section 3 - COMPOSITION / INFORMATION ON INGREDIENTS
### Section 4 - FIRST AID MEASURES

**Inhalation**
If inhaled, immediately remove the affected person to fresh air.

**Skin**
Wash skin with soap and water.

**Eyes**
Immediately flush eyes with plenty of water for at least 15 minutes. If irritation persists get medical attention.

**Ingestion**
Rinse mouth immediately and drink plenty of water. Never give anything by mouth to an unconscious person or a person with cramps. Call a physician immediately.

### Section 5 - FIRE FIGHTING MEASURES

**Extinguishing Media**
- Suitable Extinguishing Media
  - Dry chemical, foam, carbon dioxide, water fog.
- Unsuitable Extinguishing Media
  - No specific measures identified. None identified.

**Hazardous Combustion Products**
- None.

### Section 6 - ACCIDENTAL RELEASE MEASURES

**Personal Precautions, Protective Equipment and Emergency Procedures**
- None. No additional information available.

**Methods and Materials for Containment and Cleaning Up**
- Isolate area. Keep unnecessary personnel away.

### Section 7 - HANDLING AND STORAGE

**Precautions for Safe Handling**
- Wash thoroughly after handling. Keep container tightly closed.

**Conditions for Safe Storage, Including any Incompatibilities**
- None needed according to classification criteria.
- Keep the container tightly closed and in a cool, well-ventilated place.

### Section 8 - EXPOSURE CONTROLS / PERSONAL PROTECTION

**Component Exposure Limits**
The following constituents are the only constituents of the product which have a PEL, TLV or other recommended exposure limit. At this time, the other constituents have no known exposure limits.
ACGIH - Threshold Limit Values - Biological Exposure Indices (BEI)
There are no biological limit values for any of this product's components.

Appropriate engineering controls
Use general ventilation and use local exhaust, where possible, in confined or enclosed spaces.

Individual Protection Measures, such as Personal Protective Equipment
Eye/face protection
Wear safety glasses with side shields.

Skin Protection
Use impervious gloves. Use of protective coveralls and long sleeves is recommended. Use of an impervious apron is recommended.

Respiratory Protection
Not normally needed.

Glove Recommendations
Use impervious gloves.

Protective Materials
Eye wash fountain and emergency showers are recommended.

### Section 9 - PHYSICAL AND CHEMICAL PROPERTIES

<table>
<thead>
<tr>
<th>Property</th>
<th>Value</th>
</tr>
</thead>
<tbody>
<tr>
<td>Appearance</td>
<td>Clear liquid.</td>
</tr>
<tr>
<td>Odor</td>
<td>Slight characteristic.</td>
</tr>
<tr>
<td>Odor Threshold</td>
<td>Not available</td>
</tr>
<tr>
<td>Melting Point</td>
<td>Not available</td>
</tr>
<tr>
<td>Boiling Point Range</td>
<td>Not available</td>
</tr>
<tr>
<td>Evaporation Rate</td>
<td>(Approx. equal to Water)</td>
</tr>
<tr>
<td>Autoignition Temperature</td>
<td>Not available</td>
</tr>
<tr>
<td>Lower Explosive Limit</td>
<td>Not available</td>
</tr>
<tr>
<td>Upper Explosive Limit</td>
<td>Not available</td>
</tr>
<tr>
<td>Vapor Density (air=1)</td>
<td>(Approx. equal to water)</td>
</tr>
<tr>
<td>Water Solubility</td>
<td>Completely</td>
</tr>
<tr>
<td>Viscosity</td>
<td>Not available</td>
</tr>
<tr>
<td>Physical State</td>
<td>Liquid</td>
</tr>
<tr>
<td>Color</td>
<td>Amber.</td>
</tr>
<tr>
<td>pH</td>
<td>8.5 - 10</td>
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<tr>
<td>Boiling Point</td>
<td>213 °F</td>
</tr>
<tr>
<td>Freezing point</td>
<td>32 °F (0 °C)</td>
</tr>
<tr>
<td>Flammability (solid, gas)</td>
<td>Not available</td>
</tr>
<tr>
<td>Flash Point</td>
<td>Not available</td>
</tr>
<tr>
<td>Decomposition temperature</td>
<td>Not available</td>
</tr>
<tr>
<td>Vapor Pressure</td>
<td>Not available</td>
</tr>
<tr>
<td>Specific Gravity (water=1)</td>
<td>1.007 - 1.027</td>
</tr>
<tr>
<td>Partition coefficient: n-octanol/water</td>
<td>Not available</td>
</tr>
<tr>
<td>Solubility (Other)</td>
<td>Not available</td>
</tr>
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</table>
Density | Not available | VOC | 0
---|---|---|---
Molecular Weight | Not available |  

Section 10 - STABILITY AND REACTIVITY

Chemical Stability
This is a stable material.
Possibility of Hazardous Reactions
Will not occur.
Conditions to Avoid
None.
Incompatible Materials
This product may react with strong acids. This product may react with oxidizing agents.
Hazardous decomposition products
None.

Section 11 - TOXICOLOGICAL INFORMATION

Acute and Chronic Toxicity
This product may cause irritation to the eyes. This product may cause irritation to the skin.
Component Analysis - LD50/LC50
The components of this material have been reviewed in various sources and the following selected endpoints are published:
Water (7732-18-5)
Oral LD50 Rat >90 mL/kg
Ethoxylated coconut oil alkyl amine (61791-14-8)
Oral LD50 Rat 750 mg/kg
Product Toxicity Data
Acute Toxicity Estimate

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<tr>
<th>Route</th>
<th>Value</th>
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<tbody>
<tr>
<td>Dermal</td>
<td>0 mg/kg</td>
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<tr>
<td>Inhalation - Vapor</td>
<td>0 mg/L</td>
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<tr>
<td>Oral</td>
<td>0 mg/kg</td>
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Immediate Effects
No information on significant adverse effects.
Delayed Effects
No information on significant adverse effects.
Component Carcinogenicity
None of this product's components are listed by ACGIH, IARC, NTP, DFG or OSHA

Section 12 - ECOLOGICAL INFORMATION

Component Analysis - Aquatic Toxicity
No LOLI ecotoxicity data are available for this product's components
Section 13 - DISPOSAL CONSIDERATIONS

Disposal Methods
Waste must be handled in accordance with all federal, state, provincial, and local regulations. Transport waste material to an authorized waste location, or incinerate under controlled conditions.

Component Waste Numbers
The U.S. EPA has not published waste numbers for this product’s components

Section 14 - TRANSPORT INFORMATION

US DOT Information:
No Classification assigned.

Section 15 - REGULATORY INFORMATION

U.S. Federal Regulations
None of this product’s components are listed under SARA Sections 302/304 (40 CFR 355 Appendix A), SARA Section 313 (40 CFR 372.65), CERCLA (40 CFR 302.4), TSCA 12(b), or require an OSHA process safety plan.

SARA Section 311/312 (40 CFR 370 Subparts B and C)
Acute Health: no Chronic Health: no Fire: no Pressure: no Reactivity: no

Not listed under California Proposition 65

Component Analysis - Inventory

Water (7732-18-5)

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<td>DSL</td>
<td>EIN</td>
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Ethoxylated coconut oil alkyl amine (61791-14-8)

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<tbody>
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<td>Yes</td>
<td>Yes</td>
<td>No</td>
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<td>No</td>
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Section 16 - OTHER INFORMATION

Other Information
Disclaimer:
Reasonable care has been taken in the preparation of this information; however, the manufacturer makes no warranty whatsoever including the warranty of merchantability, expressed or implied, with respect to this information. The manufacturer makes no representations and assumes no liability for any direct, incidental, consequential, or other such damages resulting from its use or misuse.