



## Safety Data Sheet

Material Name: E-Mist NF

SDS ID: EPI-0636c

### 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



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CAS	Component Name	Percent
7732-18-5	Water	77-82
Trade Secret	Ethoxylated coconut oil alkyl amine	18-23

### 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.



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### 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

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



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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

Dermal	0 mg/kg
Inhalation - Vapor	0 mg/L
Oral	0 mg/kg

#### 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



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## 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 products 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)

US	CA	EU	AU	PH	JP - ENCS	JP - ISHL	KR KECI - Annex 1	KR KECI - Annex 2	KR - REACH CCA	CN	NZ	MX	TW
Yes	DSL	EIN	Yes	Yes	No	No	Yes	No	No	Yes	Yes	Yes	Yes

#### Ethoxylated coconut oil alkyl amine (61791-14-8)

US	CA	EU	AU	PH	JP - ENCS	JP - ISHL	KR KECI - Annex 1	KR KECI - Annex 2	KR - REACH CCA	CN	NZ	MX	TW
Yes	DSL	No	Yes	Yes	No	No	Yes	No	No	Yes	Yes	Yes	Yes

## 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..