



**Precautionary Statements - Prevention**

Wash face, hands and any exposed skin thoroughly after handling  
Wear protective gloves/protective clothing/eye protection/face protection

**Precautionary Statements - Response**

IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing  
Immediately call a poison center or doctor/physician  
IF ON SKIN: Wash with plenty of soap and water  
If skin irritation occurs: Get medical advice/attention  
Take off contaminated clothing and wash before reuse

**Other hazards**

Toxic to aquatic life with long lasting effects

### 3. COMPOSITION/INFORMATION ON INGREDIENTS

| Chemical Name      | CAS No     | Weight-% |
|--------------------|------------|----------|
| Alcohol Ethoxylate | 34398-01-1 | <4       |
| Tetrasodium EDTA   | 64-02-8    | <3       |

\*\*If Chemical Name/CAS No is "proprietary" and/or Weight-% is listed as a range, the specific chemical identity and/or percentage of composition has been withheld as a trade secret.\*\*

### 4. FIRST-AID MEASURES

**First Aid Measures**

|                       |  |
|-----------------------|--|
| <b>General Advice</b> | Provide this SDS to medical personnel for treatment.   |
| <b>Eye Contact</b>    | Rinse immediately with plenty of water, also under the eyelids, for at least 15 minutes. Call a physician if irritation persists.  |
| <b>Skin Contact</b>   | Wash with soap and water. If skin irritation persists, call a physician.   |
| <b>Inhalation</b>     | Remove victim to fresh air and keep at rest in a position comfortable for breathing.   |
| <b>Ingestion</b>      | Drink 2-3 large glasses of water. Do not induce vomiting. Call a physician. Never give anything by mouth to an unconscious person. |

**Most important symptoms and effects**

|                 |  |
|-----------------|--|
| <b>Symptoms</b> | Contact will cause irritation and redness to exposed areas. Causes skin irritation. Causes serious eye damage. |
|-----------------|--|

**Indication of any immediate medical attention and special treatment needed**

|                           |                        |
|---------------------------|------------------------|
| <b>Notes to Physician</b> | Treat symptomatically. |
|---------------------------|------------------------|

### 5. FIRE-FIGHTING MEASURES

**Suitable Extinguishing Media**

Use extinguishing measures that are appropriate to local circumstances and the surrounding environment.

**Unsuitable Extinguishing Media** Not determined.

**Specific Hazards Arising from the Chemical**

Combustion products may be toxic.

**Hazardous Combustion Products** Carbon oxides. Oxides of sulfur. Nitrogen oxides (NOx).

**Protective equipment and precautions for firefighters**

As in any fire, wear self-contained breathing apparatus pressure-demand, MSHA/NIOSH (approved or equivalent) and full protective gear.

## 6. ACCIDENTAL RELEASE MEASURES

**Personal precautions, protective equipment and emergency procedures**

**Personal Precautions** Use personal protective equipment as required.

**Environmental precautions**

**Environmental precautions** See Section 12 for additional Ecological Information.

**Methods and material for containment and cleaning up**

**Methods for Containment** Prevent further leakage or spillage if safe to do so.

**Methods for Clean-Up** Pick up with mop, wet/dry vac, or absorbent material. Rinse area with clear water and allow floor to dry before allowing traffic.

## 7. HANDLING AND STORAGE

**Precautions for safe handling**

**Advice on Safe Handling** Keep out of the reach of children. Use personal protection recommended in Section 8. Wash face, hands, and any exposed skin thoroughly after handling.

**Conditions for safe storage, including any incompatibilities**

**Storage Conditions** Keep containers tightly closed in a dry, cool and well-ventilated place. Keep container closed when not in use. Store at room temperature. Store locked up.

**Packaging Materials** Rinse container before discarding.

**Incompatible Materials** Chlorine bleach.

## 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

**Exposure Guidelines** This product, as supplied, does not contain any hazardous materials with occupational exposure limits established by the region specific regulatory bodies

**Appropriate engineering controls**

**Engineering Controls** Ventilation systems.

**Individual protection measures, such as personal protective equipment**

**Eye/Face Protection** Risk of contact: Wear approved safety goggles.

**Skin and Body Protection** Rubber gloves. Wear water or chemical resistant footwear when scrubbing floors.

**Respiratory Protection** No protective equipment is needed under normal use conditions.

**General Hygiene Considerations** Handle in accordance with good industrial hygiene and safety practice. Wash hands thoroughly after handling.

## 9. PHYSICAL AND CHEMICAL PROPERTIES

### Information on basic physical and chemical properties

|                                     |   |                         |                               |
|-------------------------------------|---|-------------------------|-------------------------------|
| <b>Physical state</b>               | Liquid  | <b>Odor</b>             | Mild scent No fragrance added |
| <b>Appearance</b>                   | Clear liquid                                    | <b>Odor Threshold</b>   | Not determined                |
| <b>Color</b>                        | Not determined                                  |                         |                               |
| <b>Property</b>                     | <b>Values</b>                                   | <b>Remarks • Method</b> |                               |
| <b>pH</b>                           | 12.7 ± 0.2 (conc)<br>11.2 ± 0.2 (1:10 dilution) |                         |                               |
| <b>Melting Point/Freezing Point</b> | Not determined                                  |                         |                               |
| <b>Boiling Point/Boiling Range</b>  | 100 °C / 212 °F                                 |                         |                               |
| <b>Flash Point</b>                  | None  |                         |                               |
| <b>Evaporation Rate</b>             | 1.0   | (Water = 1)             |                               |
| <b>Flammability (Solid, Gas)</b>    | n/a-liquid                                      |                         |                               |
| <b>Flammability Limits in Air</b>   |   |                         |                               |
| <b>Upper Flammability Limits</b>    | Not applicable                                  |                         |                               |
| <b>Lower Flammability Limit</b>     | Not applicable                                  |                         |                               |
| <b>Vapor Pressure</b>               | Not determined                                  |                         |                               |
| <b>Vapor Density</b>                | Not determined                                  |                         |                               |
| <b>Relative Density</b>             | 1.02  |                         |                               |
| <b>Water Solubility</b>             | Infinite  |                         |                               |
| <b>Solubility in other solvents</b> | Not determined                                  |                         |                               |
| <b>Partition Coefficient</b>        | Not determined                                  |                         |                               |
| <b>Auto-ignition Temperature</b>    | Not determined                                  |                         |                               |
| <b>Decomposition Temperature</b>    | Not determined                                  |                         |                               |
| <b>Kinematic Viscosity</b>          | Not determined                                  |                         |                               |
| <b>Dynamic Viscosity</b>            | Not determined                                  |                         |                               |
| <b>Explosive Properties</b>         | Not determined                                  |                         |                               |
| <b>Oxidizing Properties</b>         | Not determined                                  |                         |                               |

## 10. STABILITY AND REACTIVITY

### Reactivity

Not reactive under normal conditions.

### Chemical Stability

Stable under recommended storage conditions.

### Possibility of Hazardous Reactions

None under normal processing.

**Hazardous Polymerization** Hazardous polymerization does not occur.

### Conditions to Avoid

Keep out of reach of children.

### Incompatible Materials

Chlorine bleach.

### Hazardous Decomposition Products

Carbon oxides. Nitrogen oxides (NOx). Sulfur oxides.

## 11. TOXICOLOGICAL INFORMATION

### Information on likely routes of exposure

#### Product Information

|                     |  |
|---------------------|--|
| <b>Eye Contact</b>  | Causes serious eye damage.   |
| <b>Skin Contact</b> | Causes skin irritation.  |
| <b>Inhalation</b>   | Under normal conditions of intended use, this material is not expected to be an inhalation hazard. |
| <b>Ingestion</b>    | Do not taste or swallow.   |

### Component Information

| Chemical Name               | ATEmix (oral)                          | ATEmix (dermal) | Inhalation LC50 |
|-----------------------------|--|-----------------|-----------------|
| Tetrasodium EDTA<br>64-02-8 | = 10 g/kg ( Rat ) = 1658 mg/kg ( Rat ) | -               | -               |

### Information on physical, chemical and toxicological effects

**Symptoms** Please see section 4 of this SDS for symptoms.

### Delayed and immediate effects as well as chronic effects from short and long-term exposure

**Carcinogenicity** Group 3 IARC components are "not classifiable as human carcinogens".

| Chemical Name                          | ACGIH | IARC    | NTP | OSHA |
|--|-------|---------|-----|------|
| 2,2',2''-Nitrilotriethanol<br>102-71-6 |       | Group 3 |     |      |

### Numerical measures of toxicity

The following values are calculated based on chapter 3.1 of the GHS document .  
ATEmix (oral) 6,101.00 mg/kg mg/L

## 12. ECOLOGICAL INFORMATION

### Ecotoxicity

Toxic to aquatic life with long lasting effects.

### Component Information

| Chemical Name               | Algae/aquatic plants                         | Fish  | Crustacea                         |
|-----------------------------|--|---|-----------------------------------|
| Tetrasodium EDTA<br>64-02-8 | 1.01: 72 h Desmodesmus subspicatus mg/L EC50 | 41: 96 h Lepomis macrochirus mg/L LC50 static 59.8: 96 h Pimephales promelas mg/L LC50 static | 610: 24 h Daphnia magna mg/L EC50 |

### Persistence/Degradability

Not determined.

### Bioaccumulation

Not determined.

### Mobility

Not determined

**Other Adverse Effects**

Not determined

**13. DISPOSAL CONSIDERATIONS****Waste Treatment Methods**

|                               |   |
|-------------------------------|---|
| <b>Disposal of Wastes</b>     | Disposal should be in accordance with applicable regional, national and local laws and regulations. |
| <b>Contaminated Packaging</b> | Disposal should be in accordance with applicable regional, national and local laws and regulations. |

**14. TRANSPORT INFORMATION**

|                    |   |
|--------------------|---|
| <b><u>Note</u></b> | Please see current shipping paper for most up to date shipping information, including exemptions and special circumstances. |
| <b><u>DOT</u></b>  | Not regulated   |
| <b><u>IATA</u></b> | Not regulated   |
| <b><u>IMDG</u></b> | Not regulated   |

**15. REGULATORY INFORMATION****International Inventories**

| Chemical Name      | TSCA | DSL/NDSL | EINECS/E LINC S | ENCS    | IECSC | KECL    | PICCS | AICS |
|--------------------|------|----------|-----------------|---------|-------|---------|-------|------|
| Alcohol Ethoxylate | X    | X        | X               | Present | X     | Present | X     | X    |
| Tetrasodium EDTA   | X    | X        | X               | Present | X     | Present | X     | X    |

**Legend:***TSCA - United States Toxic Substances Control Act Section 8(b) Inventory**DSL/NDSL - Canadian Domestic Substances List/Non-Domestic Substances List**EINECS/ELINCS - European Inventory of Existing Chemical Substances/European List of Notified Chemical Substances**ENCS - Japan Existing and New Chemical Substances**IECSC - China Inventory of Existing Chemical Substances**KECL - Korean Existing and Evaluated Chemical Substances**PICCS - Philippines Inventory of Chemicals and Chemical Substances**AICS - Australian Inventory of Chemical Substances***US Federal Regulations****CERCLA**

This material, as supplied, does not contain any substances regulated as a hazardous substance under the Comprehensive Environmental Response Compensation and Liability Act (CERCLA) (40 CFR 302)

**SARA 311/312 Hazard Categories**

This material, as supplied, does not contain any substances subject to the requirements of SARA Sections 311/312 (40 CFR 370)

**SARA 313**

Section 313 of Title III of the Superfund Amendments and Reauthorization Act of 1986 (SARA). This product does not contain any chemicals which are subject to the reporting requirements of the Act and Title 40 of the Code of Federal Regulations, Part 372

**CWA (Clean Water Act)**

This product does not contain any substances which are regulated pollutants pursuant to the Clean Water Act (40 CFR 122.21 and 40 CFR 122.42)

**US State Regulations****California Proposition 65**

This product does not contain any Proposition 65 chemicals.

**U.S. State Right-to-Know Regulations**

This product does not contain any substances regulated under applicable state right-to-know regulations

|                              |
|------------------------------|
| <b>16. OTHER INFORMATION</b> |
|------------------------------|

**NFPA****Health Hazards**

2

**Flammability**

0

**Instability**

0

**Special Hazards**

Not determined

**HMIS****Health Hazards**

Not determined

**Flammability**

Not determined

**Physical hazards**

Not determined

**Personal Protection**

Not determined

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Telephone number update

**Disclaimer**

The information provided in this Safety Data Sheet is correct to the best of our knowledge, information and belief at the date of its publication. The information given is designed only as a guidance for safe handling, use, processing, storage, transportation, disposal and release and is not to be considered a warranty or quality specification. The information relates only to the specific material designated and may not be valid for such material used in combination with any other materials or in any process, unless specified in the text.

**End of Safety Data Sheet**