

# Safety Data Sheet

Emergency: CHEMTREC: 800 424 9300 or 703 527 3887 Updated: Feb 2018  
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## Section 1. Identification

Trade Name: Evermild™ MGDA-30  
INCI Name: Trisodium Dicarboxymethyl Alaninate  
CAS No.: 164462-16-2

## Section 2. Hazard Identification

Classification according to Regulation (EC) No 1272/2008:

This substance is not classified in the Annex I of Directive 67/548/EEC and REGULATION (EC) No 1272/2008.

Emergency overview:

CAUTION: MAY CAUSE EYE, SKIN AND RESPIRATORY TRACT IRRITATION.  
INGESTION MAY CAUSE GASTRIC DISTURBANCES.

Wear chemical resistant protective gloves.

Avoid inhalation of dusts.

Wear safety glasses with side-shields.

Avoid contact with the skin, eyes and clothing.

Wear NIOSH-certified chemical goggles.

Ensure adequate ventilation.

Eye wash fountains and safety showers must be easily accessible.

Primary routes of exposure:

Routes of entry for solids and liquids include eye and skin contact, ingestion and inhalation.

Routes of entry for gases include inhalation and eye contact. Skin contact may be a route of entry for liquified gases.

## Section 3. Composition/ Information on Ingredients

Composition:

Chemical Name	CAS	Classification
Trisodium Dicarboxymethyl Alaninate	164462-16-2	Not Classified.
Water	7732-18-5	Not Classified.

## Section 4. First Aid Measures

Eye Contact: Immediately flush eyes with plenty of water for at least 15 minutes. Seek medical attention.

Skin Contact: Immediately flush the contaminated skin with plenty of soap and water. If irritation occurs, seek medical attention.

Inhalation: Remove to fresh air. Seek medical attention if irritation persists.

Ingestion: Immediately rinse out the mouth with water. Induce vomiting and seek medical attention.

## Section 5. Fire Fighting Measures

Flash point: Not applicable.

Suitable extinguishing media: Dry extinguishing media, foam.

Unsuitable extinguishing media for safety reasons:

Carbon dioxide.

Additional information:

Hazards during fire-fighting: Avoid whirling up the material/product because of the danger of dust explosion.  
Harmful vapours  
Evolution of fumes/fog. The substances/groups of substances mentioned can be released in case of fire.

Protective equipment for fire-fighting:

Firefighters should be equipped with self-contained breathing apparatus and turn-out gear.

Further information: Dusty conditions may ignite explosively in the presence of an ignition source causing flash fire.

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#### Section 6. Accidental Release Measures

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Personal precautions: Avoid dust formation. Use personal protective clothing.  
Environmental precautions: Contain contaminated water/firefighting water. Do not discharge into drains/surface waters/groundwater.  
Cleanup: Avoid raising dust.  
For small amounts: Pick up with suitable appliance and dispose of.  
For large amounts: Contain with dust binding material and dispose of.

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#### Section 7. Handling and Storage

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Handling: Closed containers should only be opened in well-ventilated areas. Avoid dust formation. Take precautionary measures against static discharges.  
Storage: Keep container tightly closed and dry; store in a cool place.

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#### Section 8. Exposure Control/Personal Protection

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Respiratory protection: Respiratory protection may not be required under normal operating conditions if adequate ventilation is provided.  
Hand protection: Chemical resistant protective gloves.  
Eye protection: Tightly fitting safety goggles (chemical goggles) and face shield.  
Body protection: Impermeable protective clothing.  
General safety and hygiene measures: Handle in accordance with good industrial hygiene and safety practice. Keep away from food, drink and animal feeding stuffs. Avoid contact with skin and eyes. Remove contaminated clothing. Handle in accordance with good industrial hygiene and safety practice.

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#### Section 9. Physical and Chemical Properties

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Appearance: Colorless to yellowish liquid  
Odor: Characteristic odor  
pH (1% aq.): 10.0-12.0  
Density (g/cm<sup>3</sup>): 1.29-1.33  
Solubility in water: Soluble

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#### Section 10. Stability and Reactivity

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Hazardous reactions:

The product may contain explosive fine dust or such dust may be produced by abrasion during transport or product transfer.

Decomposition products:

Hazardous decomposition products: No hazardous decomposition products if stored and handled as prescribed/indicated.

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#### Section 11. Toxicological Information

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Acute oral toxicity:	LD50/rat: > 2,000 mg/kg .
Acute dermal toxicity:	LD50/rat: > 2,000 mg/kg .
Skin irritation:	No irritation.
Eyes irritation:	No irritation.

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## Section 12. Ecological Information

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### Environmental fate and transport

#### Biodegradation:

Test method:	OECD 301 A (new version)
Method of analysis:	DOC reduction
Degree of elimination:	> 70 % (28 d)
Test method:	OECD 301F; ISO 9408; 92/69/EEC, C.4-D
Method of analysis:	BOD of COD
Degree of elimination:	> 80 % (28 d)

Evaluation: Readily biodegradable (according to OECD criteria).

Bioaccumulation: No significant accumulation in organisms is expected as a result of the distribution coefficient of n-octanol/water (log Pow).

Environmental toxicity: Acute and prolonged toxicity to fish: zebra fish/LC50 (96 h): > 100 mg/l  
Acute toxicity to aquatic invertebrates: Daphnia sp./EC50 (48 h): > 100 mg/l

Toxicity to microorganisms:  
Inhibition of degradation activity in activated sludge is not to be anticipated during correct introduction of low concentrations.

Chronic toxicity to aquatic invertebrates: Daphnia sp. No observed effect concentration > 100 mg/l

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## Section 13. Disposal Considerations

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Waste disposal of substance: Do not discharge into drains/surface waters/groundwater. Dispose of in accordance with national, state and local regulations.

Container disposal: Dispose of in accordance with national, state and local regulations. Recommend crushing, puncturing or other means to prevent unauthorized use of used containers.

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## Section 14. Transport Information

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RID/ADR:	Not regulated.
IMO-IMDG:	Not regulated.
IATA/ICAO:	Not regulated.

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## Section 15. Regulatory Information

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SARA Title III Hazard Classes:	Fire Hazard:	No.
	Reactive Hazard:	No.
	Release of Pressure:	No.

### US.Toxic Substances Control Act (TSCA):

All components of this product are either listed on the U.S. Toxic Substances Control Act (TSCA) inventory of chemicals or are otherwise compliant with TSCA regulations.

### China. Standard Chinese Name Inventory of International Cosmetic Materials (CHINA):

All intentional components are listed on the inventory, are exempt, or are supplier certified.

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## Section 16. Other Information

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### National Fire Protection Association Hazard Ratings — NFPA (R)

Health Hazard	1	Slight
Flammability	1	Slight
Instability	0	Minimal

### National Paint & Coating Hazardous Materials Identification System — HMIS (R)

SDS Name:

Evermild™ MGDA-30

Health Hazard	1	Slight
Flammability	1	Slight
Reactivity	0	Minimal

Key: 0-- Minimal; 1--Slight; 2--Moderate; 3--High; 4—Extreme

Prepared by: Regulatory

Revision Date: 02/2018

The above information is believed to be correct, but does not purport to be all inclusive and shall be used only as a guide. It is provided without any warranty. It is the user's responsibilities to observe and comply with applicable Federal, State and local laws and regulations. Sino Lion USA assumes no liabilities from the use of our products or information mentioned herein.

**\*\*END OF MATERIAL SAFETY DATA SHEET\***