

Ember

Safety Data Sheet

according to Federal Register / Vol. 77, No. 58 / Monday, March 26, 2012 / Rules and Regulations
Date of issue: 3/08/2022 Version: 1.0

SECTION 1: Identification

1.1. Identification

Product form : Mixture
Product name : Ember

1.2. Relevant identified uses of the substance or mixture and uses advised against

Use of the substance/mixture : Agricultural Adjuvant

1.3. Details of the supplier of the safety data sheet

MarVista Resources
745 North Ave.
Corcoran, Ca. 93212 - USA
T 559-992-4535

1.4. Emergency telephone number

Emergency number : 24 Hour Emergency Response Chemtrec: 1-800-424-9300

SECTION 2: Hazard(s) identification

2.1. Classification of the substance or mixture

Classification (GHS-US)



SIGNAL WORD : **WARNING**

Skin Irritation : Causes skin irritation
Eye Irritation : Causes eye irritation
Acute Toxicity Oral : May be harmful if swallowed
Acute Toxicity Dermal : No classification for dermal toxicity
Hazard Categories : Oral - 5; Eye irritation; -2B; Skin irritation -2
Hazard Statement : May be harmful if swallowed
Causes eye irritation
Causes skin irritation

SECTION 3: Composition/information on ingredients

3.1. Substance

Not applicable

3.2. Mixture

Name	Product identifier	%	Classification (GHS-US)
Trihydroxy carboxylic acid, tallow amine ethoxylate, Alkly alkoxyated phosphate amine, Urea Sulfuric acid complex	Proprietary Blend	56.40%	Not classified
Constituents ineffective as spray adjuvant	Proprietary Blend	43.60%	Not classified

The specific chemical identity and/or exact percentage of composition have been withheld as a trade secret [29 CFR 1910.1200].

Full text of H-phrases: see section 16

SECTION 4: First aid measures

4.1. Description of first aid measures

First-aid measures general : If you feel unwell, seek medical advice (show the label where possible).

First-aid measures after inhalation	: Move person to fresh air. If person is not breathing, call 911 or an ambulance, then give artificial respiration, preferably mouth-to-mouth, if possible. Call a poison control center or doctor for further treatment advice.
First-aid measures after skin contact	: Take off contaminated clothing. Rinse skin immediately with plenty of water for 15 to 20 minutes. Call a poison control center or doctor for treatment advice.
First-aid measures after eye contact	: Rinse eyes with water carefully for at least 15 minutes. Remove contact lenses, if present and easy to do so. Seek medical attention if pain, blinking, or redness persists.
First-aid measures after ingestion	: Call a poison control center or doctor immediately for treatment advice. Rinse mouth with water. Do not induce vomiting. Do not give anything by mouth if unconscious.

4.2. Most important symptoms and effects, both acute and delayed

Symptoms/injuries	: Not expected to present a significant hazard under anticipated conditions of normal use.
Symptoms/injuries after inhalation	: May be harmful if inhaled.
Symptoms/injuries after skin contact	: Causes skin irritation.
Symptoms/injuries after eye contact	: Causes eye irritation.
Symptoms/injuries after ingestion	: May be harmful if swallowed.

SECTION 5: Firefighting measures

5.1. Extinguishing media

Suitable extinguishing media	: Flood with water, Dry chemical, CO2, alcohol foam, water fog or all-purpose-type water spray to cool fire-exposed containers.
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5.2. Special hazards arising from the substance or mixture

Reactivity	: Can be dangerous when exposed to extreme heat and flame. Can vigorously decompose to release carbon dioxide gas.
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5.3. Advice for firefighters

Protection during firefighting	: Do not attempt to take action without suitable protective equipment. Self-contained breathing apparatus. Complete protective clothing.
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SECTION 6: Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures

General Measures	: Keep unnecessary personnel away. For personal protection, see section 8.
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6.1.1. For non-emergency personnel

Emergency procedures	: Ventilate spillage area.
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6.1.2. For emergency responders

Protective equipment	: Splash proof goggles or face shield, impervious gloves, impervious apron and footwear. Respiratory protection not normally needed. Eyewash and emergency shower should be available in work area.
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6.2. Environmental precautions

Avoid release to the environment. Prevent entry to sewers and public waters.

6.3. Methods and material for containment and cleaning up

Methods for cleaning up	: Cover spill with inert materials such as clay, sand or vermiculite. Transfer liquids and solids to suitable containers for disposal.
Other information	: Contain spills immediately to prevent spreading. Will corrode susceptible metals. Recommended storage containers constructed of polypropylene, polyethylene or 316L stainless steel.

6.4. Reference to other sections

For further information refer to section 8 : Exposure-controls/personal protection".

SECTION 7: Handling and storage

7.1. Precautions for safe handling

Precautions for safe handling	: Keep locked up and out of reach of children. Do not contaminate water, food or feed by storage, handling or disposal. Keep container tightly closed. Do not allow water to be introduced into the contents of the container.
Hygiene measures	: Do not eat, drink or smoke when using this product. Always wash hands after handling the product. Handle in accordance with good industrial hygiene and safety procedures.

7.2. Conditions for safe storage, including any incompatibilities

Storage conditions	: Store in original container. Do not store near heat or open flame. Do not store with oxidizing agents or ammonium nitrate.
Storage area	: Store in a cool, dry place. Keep/Store away from direct sunlight, extremely high or low temperatures and incompatible materials.
Incompatible products	: Strong oxidizers, ammonium nitrate

SECTION 8: Exposure controls/personal protection

8.1. Control parameters

For substances listed in section 3 that are not listed here, there are no established exposure limits from the manufacturer, supplier, importer, or the appropriate advisory agency including: ACGIH (TLV), AIHA (WEEL), NIOSH (REL), or OSHA (PEL).

8.2. Exposure controls

Appropriate engineering controls	: Ensure good ventilation of the work station.
Hand protection	: Protective gloves.
Eye protection	: Safety glasses.
Skin and body protection	: Wear suitable protective clothing.
Respiratory protection	: In case of insufficient ventilation, wear suitable respiratory equipment.
Environmental exposure controls	: Avoid release to the environment.

SECTION 9: Physical and chemical properties

9.1. Information on basic physical and chemical properties

Physical state	: Liquid.
Color	: Clear yellow.
Odor	: Mild fatty odor.
Odor threshold	: No data available
pH	: 2.5-3.5
Melting point	: No data available
Freezing point	: No data available
Boiling point	: No data available
Flash point	: No data available
Relative evaporation rate (butyl acetate=1)	: No data available
Flammability (solid, gas)	: No data available
Explosion limits	: No data available
Explosive properties	: No data available
Oxidizing properties	: No data available
Vapor pressure	: No data available
Relative density	: No data available
Relative vapor density at 20 °C	: No data available
Specific gravity / density	: 9.0 lb/gal
Solubility	: Soluble in water, acetone
Log Pow	: No data available
Auto-ignition temperature	: No data available
Decomposition temperature	: No data available
Viscosity	: No data available
Viscosity, kinematic	: No data available
Viscosity, dynamic	: No data available

9.2. Other information

No additional information available

SECTION 10: Stability and reactivity

10.1. Reactivity

No information.

10.2. Chemical stability

Product is stable under normal conditions of use, storage and handling.

10.3. Possibility of hazardous reactions

No dangerous reactions known under normal conditions of use.

10.4. Conditions to avoid

Avoid oxidizing agents, strong acids, strong bases. Avoid extreme heat, open flame, sparks and other sources of ignition.

10.5. Incompatible materials

Materials: Alkalis and susceptible metals (aluminum, tin, lead and zinc). Flammable hydrogen may be produced on prolonged contact with susceptible n

10.6. Hazardous decomposition products

CO₂, CO, Nitrogen under fire

SECTION 11: Toxicological information

11.1. Information on toxicological effects

Acute Toxicity (Oral LD50)	:	2,500 mg/kg (proprietary blend). May be harmful if swallowed.
Acute Toxicity (Dermal LD50)	:	>5,000 mg/kg (proprietary blend). May be harmful in contact with skin.
Acute Toxicity (Inhalation LC50)	:	No LC50 available. May be harmful if inhaled.
Likely Routes of Exposure	:	Skin and eyes.
Skin Irritation	:	Causes skin irritation.
Eye Irritation	:	Causes eye irritation.
Skin Sensitization	:	Not a skin sensitizer.
Carcinogenic	:	None currently known.
Chronic Effects	:	None currently known.
Other Hazard	:	Skin contact may aggravate existing skin disease.

SECTION 12: Ecological information

12.1. Toxicity

Ecology - general	:	No information found. However, this does not exclude the possibility that large or frequent spills can have a harmful or damaging effect on the environment.
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12.2. Persistence and degradability

No information found.

12.3. Bioaccumulative potential

No information found.

12.4. Mobility in soil

No information found.

12.5. Other adverse effects

Effect on global warming	:	No known ecological damage caused by this product.
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SECTION 13: Disposal considerations

13.1. Waste treatment methods

Sewage disposal recommendations	:	This material must be disposed of according to Federal, State or Local procedures under the Resource Conservation and Recovery Act.
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SECTION 14: Transport information

14.1. In Accordance with DOT

Not Regulated for transport.

14.2. In Accordance with IMDG

Not Regulated for transport.

14.3. In Accordance with IATA

Not Regulated for transport.

SECTION 15: Regulatory information

15.1. US Federal regulations

Freight Classification	:	Adhesives, Adjuvants, Spreader or Stickers, N.O.I. (NMFC item 42652 Class 60)
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15.2. International regulations

CANADA	:	No additional information available.
EU Regulations	:	No additional information available.

National Regulations

: No additional information available.

15.3. US State regulations

California Safe Drinking Water and Toxic Enforcement Act of 1986 (Proposition 65): This material is not known to contain any chemicals currently listed as carcinogens or reproductive toxins.

SECTION 16: Other information

- Other information : This document has been prepared in accordance with the SDS requirements of the OSHA Hazard Communication Standard 29 CFR 1910.1200
- NFPA Health Hazard : 2- Intense or continued exposure could cause temporary incapacitation or possible residual injury unless prompt medical attention is given.
- NFPA Fire Hazard : 1- Materials that must be strongly heated before ignition will occur.
- NFPA Reactivity : 0- Normally stable, even under fire exposure conditions, and are not reactive with water.



SDS US (GHS HazCom 2012)

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