

3. COMPOSITION/INFORMATION ON INGREDIENTS

Chemical Name	CAS No	Weight-%
Quaternary Ammonium Compound	85409-23-0	0 - 5
Alcohol ethoxylate	68439-46-3	0 - 5
Biodegradable chelant	144538-83-0	0 - 5
Water	7732-18-5	80 - 90

4. FIRST AID MEASURES

First Aid Measures

Inhalation	Move to fresh air. If breathing is difficult give oxygen. If symptoms persist, call a physician.
Eye Contact	Immediately flush with plenty of water. Remove contact lenses and continue flushing with water for 15 minutes. Call a physician immediately.
Ingestion	Do NOT induce vomiting. Rinse mouth. Call a poison control center or doctor immediately for treatment advice. Never give anything by mouth to an unconscious person.
Skin Contact	Take off contaminated clothing. Rinse skin with plenty of water for 15 minutes. Call a poison control center or doctor for treatment advice. Chemical burns must be treated by a physician. Wash contaminated clothing before reuse.

Indication of any Immediate Medical Attention and Special Treatment Needed

Ingesting large amounts of this product may produce gastrointestinal disturbances including irritation, nausea, and diarrhea.

Note to Physicians Treat symptomatically.

5. FIRE-FIGHTING MEASURES

Suitable Extinguishing Media

Water fog, foam, dry chemical powder. Use extinguishing measures that are appropriate to local circumstances and the surrounding environment.

Unsuitable Extinguishing Media

None known

Specific Hazards Arising from the Chemical

Irritating and toxic gasses or fumes may be released during a fire. Use water spray to keep fire-exposed containers cool.

Protective Equipment and Precautions for Firefighters

Wear a self-contained breathing apparatus and chemical protective clothing.

6. ACCIDENTAL RELEASE MEASURES

Personal Precautions, Protective Equipment and Emergency Procedures

Personal Precautions Immediately evacuate personnel to safe areas. Eliminate all ignition sources (no smoking, flares, sparks, or flames in immediate area). Wear appropriate protective equipment and clothing during clean-up. Do not breathe vapors.

Methods and Material for Containment and Cleaning Up

Methods for Containment Keep unnecessary and unprotected personnel away. Shut off all ignition sources. Prevent further leakage or spillage if safe to do so. Local authorities should be advised if significant spillages cannot be contained.

Odor Eliminator

Methods for Cleaning Up

Use a non-combustible material like vermiculite, sand or earth to soak up the product and place into container for later disposal. Do not flush into surface water or sanitary sewer system. Dispose of the waste material according to local, state and government requirements. Following product recovery, flush area with water.

7. HANDLING AND STORAGE

Precautions for Safe Handling

Advice on Safe Handling

Do not handle, store or open near and open flame or other source of heat or ignition. Protect material from direct sunlight. Do not breathe vapor. Use personal protective equipment as required. Ensure adequate ventilation, especially in confined areas. Avoid contact with skin, eyes or clothing. Do not taste or swallow. In case of insufficient ventilation, wear suitable respiratory equipment. Use only with adequate ventilation or outdoors. Wash hands thoroughly after handling.

Conditions for Safe Storage, Including any Incompatibilities

Storage Conditions

Store locked up. Keep containers tightly closed in a dry, cool and well ventilated place with a temperature not lower than 50°F or higher than 120°F. Keep away from heat, sparks and open flame. Store out of direct sunlight, and away from incompatible materials. .

Incompatible Materials

Incompatible with strong oxidizing agents.

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Exposure Guidelines

Appropriate Engineering Controls

Engineering Controls

Ensure adequate ventilation, especially in confined areas. Eye wash facilities and emergency shower must be available when handling this product.

Individual Protection Measures, such as Personal Protective Equipment

Eye/Face Protection

Safety goggles.

Skin and Body Protection

Rubber gloves.

Respiratory Protection

If exposure limits are exceeded or irritation is experienced, NIOSH/MSHA approved respiratory protection should be worn. Positive pressure supplied air respirators may be required for high airborne contaminant concentrations. Respiratory protection must be provided in accordance with current local regulations.

General Hygiene Considerations

When using this product do not eat, drink, or smoke. Wash contaminated clothing before reuse. Handle in accordance with good industrial hygiene and safety practice.

9. PHYSICAL AND CHEMICAL PROPERTIES

Information on Basic Physical and Chemical Properties

Physical State
Appearance
Color

Liquid
Clear Liquid
Clear

Odor
Odor Threshold

Fragrance free
N/A

Property
pH
Flash Point

Values
9.5 – 10.5
>250° F

Remarks • Method

Cleveland Open Cup

Odor Eliminator

Evaporation Rate Not determined
Specific Gravity 1.01
Explosion Hazards None Expected
Water Solubility Complete
RVOC <1%

10. STABILITY AND REACTIVITY

Chemical Stability

Stable under normal use, storage and transport conditions.

Possibility of Hazardous Reactions

None under normal processing and storage.

Conditions to Avoid

Avoid heat, sparks, open flames and other ignition sources. Contact with incompatible materials.

Incompatible Materials

Strong oxidizing agents, reducing agents.

Hazardous Decomposition Products

Upon decomposition, this product may yield oxides of carbon, hydrocarbons, fumes and smoke.

11. TOXICOLOGICAL INFORMATION

Information on Likely Routes of Exposure

Inhalation Not likely, due to the form of the product.
Eye Contact Contact with eyes may cause serious eye damage.
Skin Contact Contact may cause severe skin irritation.
Ingestion Harmful if swallowed.

Component Information

Chemical Name	Oral LD50	Dermal LD50	Inhalation LC50
Quaternary Ammonium Compounds 85409-23-0	430 mg/kg	3560 mg/kg	

Information on Physical, Chemical and Toxicological Effects

Symptoms May cause irritation to the eyes including redness, tearing, and blurred vision.

Delayed and Immediate Effects as well as Chronic Effects from Short and Long-term Exposure

Carcinogenicity No components of this product have been identified as a carcinogen or potential carcinogen by ACGIH, OSHA, IARC or NTP.

Numerical Measures of Toxicity

Unknown Acute Toxicity None known

12. ECOLOGICAL INFORMATION

Ecotoxicity

This product may be harmful or fatal to plant and animal life if released into the environment.

Chemical Name	Algae/aquatic plants	Fish	Toxicity to microorganisms	Crustacean
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Odor Eliminator

Quaternary Ammonium Compounds 68424-85-1		LC50: Bluegill 0.515 mg/l		NOEL: Daphnia 0.0042 mg/l
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Persistence and Degradability

Expected to be biodegradable

Bioaccumulation

The potential to accumulate or bio-magnify in the environment is low.

Other Adverse Effects

No information available.

13. DISPOSAL CONSIDERATIONS

Disposal of Wastes

Disposal of this product must comply with the requirements of local, state and federal requirements.

Containers

Disposal should be in accordance with the requirements of local, state and federal regulations.

14. TRANSPORT INFORMATION

Note

Please see current shipping paper for most up to date shipping information, including exemptions and special circumstances.

US – Ground Transportation:

DOT

Not Regulated

IATA

Not Regulated

IMDG

Not Regulated

15. REGULATORY INFORMATION

International Inventories

A "Yes" indicates that all components of this product comply with the inventory requirements administered by the governing country (s). A "No" indicates that one or more components of the product are not listed or exempt from listing on the inventory administered by the governing country (s).

TSCA	United States Toxic Substances Control Act Section 8(b) Inventory	Yes
DSL	Canadian Domestic Substances List	Yes
NDSL	Non-Domestic Substances List	No
EINECS	European Inventory of Existing Chemical Substances	Yes
ELINCS	European List of Notified Chemical Substances	No
ENCS	Japan Existing and New Chemical Substances	Yes
IECSC	China Inventory of Existing Chemical Substances	Yes
KECL	Korean Existing and Evaluated Chemical Substances	Yes
PICCS	Philippines Inventory of Chemicals and Chemical Substances	Yes
New Zealand	New Zealand Inventory	Yes

US Federal Regulations

SARA 313

Not regulated

US State Regulations

Odor Eliminator

California Proposition 65

No ingredients listed

16. OTHER INFORMATION

<u>NFPA</u>	Health Hazards	Flammability	Instability		
	1	0	0		
<u>HMIS</u>	Health Hazards	Flammability	Physical Hazards	Personal Protection	
	1	0	0	B	

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