

MSDS Document

Product ALGAE KIL 10

1. Chemical Product and Company Identification

Trade Name of this Product ALGAE KIL 10

MSDS ID MSDS2561

Manufacturer

Haviland Consumer Products, Inc.
421 Ann Street N.W.
Grand Rapids, MI 49504

Phone Number

(616) 361-6691

Emergency Phone

CHEMTREC (800) 424-9300

CHEMTREC International (703) 527-3887

Revision Date 00/00/00

Health:	3
Fire:	1
Reactivity:	0
Specific	

2. Composition and Information on Ingredients

Ingredient	CAS Number	Weight %	ACGIH TLV	PEL	STEL
Quaternary ammonium compounds, benzyl-C12-16-alkyldimethyl, chlorides	68424-85-1	10 %	Not Established	Not Established	
Ethanol	64-17-5		1000 ppm	1000 ppm	

3. Hazard Identification

Emergency Overview

Handle with extreme care. Corrosive to eye tissue, may cause severe irritation & potential permanent damage. May be corrosive to skin tissue. Mist may cause irritation to the nasal septum & respiratory tract. Harmful if swallowed.

Health Effects

This product is severely irritating to the eyes and may cause burns and irreversible damage. Contact with the skin or mucous membranes may cause severe irritation, burns, and

possible ulceration. This product will cause irritation or burns to the throat, esophagus, and gastrointestinal tract if it is swallowed. Ingestion of large amounts of this product may be fatal. Inhalation of dusts or mists of this product will cause irritation or burns to the nasal passages and respiratory tract and may cause ulceration of nasal membranes.

Carcinogenicity

None of the components present in this material are listed by IARC or NTP as a carcinogen.

Reproductive Effects

Ingestion of ethanol by pregnant women can cause reproductive toxicity to the fetus.

Routes of Entry

Inhalation, Ingestion, Skin or Eye Contact

4. First Aid Information

Eye Contact

Flush immediately with plenty of water for at least 15 minutes, get medical attention.

Skin Contact

Flush with plenty of water for at least 15 minutes while removing contaminated clothing. Get medical attention.

Inhalation

Fresh air should alleviate any respiratory discomfort. If breathing difficulties develop or persist, get medical attention.

Ingestion

Call a physician immediately. Do not induce vomiting. Dilute by drinking water or milk. Never give anything by mouth to an unconscious person.

5. Fire Fighting Measures

Flash Point N/A

Extinguishing Media

Water spray, foam, carbon dioxide, dry chemical

Special Fire Fighting Procedures

Fire fighters should use self-contained breathing apparatus and full protective clothing. Use water spray to cool fire exposed containers.

Unusual Fire Hazard

None known.

6. Accidental Release Measures

Spill and Leak Procedures

Eliminate sources of ignition. Spills should be contained, solidified, and placed in labeled waste containers for disposal. Prevent liquid from entering sewers, watercourses, or low

areas.

7. Handling and Storage

Handling Procedures

Do not get in eyes, on skin, or on clothing. Wear eye protection and protective clothing. Wash thoroughly after handling.

Storage Procedures

Store indoors in a cool, dry place. Keep container closed. Protect container from physical damage. Keep from freezing. Store away from incompatible materials.

8. Exposure Controls and Personal Protection

Engineering Controls

Use in well ventilated areas.

Eye Protection

Wear chemical goggles; face shield (if splashing is possible).

Protective Gloves

Rubber or other impervious materials.

Respiratory Protection

None required for normal use.

Other Protective Equipment

Flowing water source should be available. Prevent contact with skin & clothing by using protective garments.

9. Physical and Chemical Properties

Physical State	Liquid
Specific Gravity	0.994
Color/Appearance	Clear blue liquid
Odor	Slight aromatic odor
pH	6 - 8
Boiling/Cond. Point	Not Determined
Melting/Freezing Point	Not Determined
Solubility	Complete
Vapor Density	Not Determined
Vapor Pressure	Not Determined

10. Stability and Reactivity

Chemical Stability

Stable

Conditions to Avoid

Keep away from excessive heat and incompatible materials. Avoid freezing.

Incompatible Materials

Strong oxidizing agents. Avoid contact with reducing agents

Hazardous Decomposition Products

Thermal decomposition may produce hazardous hydrogen chloride gas and/or oxides of nitrogen and carbon.

Hazardous Polymerization

Will not occur.

11. Toxicological Information

No information available.

12. Ecological Information

No information available.

13. Disposal Considerations**Waste Disposal**

Incinerate in a licensed facility. Do not discharge into waterways or sewer systems. Comply with all federal, state, and local regulations.

14. Transportation Information**DOT Shipping Name**

Not Regulated

15. Regulatory Information**TSCA**

All ingredients of this material are listed on the TSCA inventory.

WHMIS

Hazardous Component(s) subject to WHMIS Ingredient Disclosure.

16. Other Information

EPA Reg. No. 57787-5

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