

LAKE RESTORATION, INC.

SAFETY DATA SHEET

1. PRODUCT AND COMPANY IDENTIFICATION

Product Identity: SparkKlear® Liquid

Recommended use of the chemical and restrictions on use:

Product Use: Use to reduce the nutrients that enable weeds and algae to grow.

Uses Advised Against: None known

Manufacturer: Lake Restoration, Inc.
12425 Ironwood Circle
Rogers, MN 55374

Telephone: (763) 428-9777

Toll Free Telephone: (877) 428-8898

Fax: (763) 428-1543

E-Mail: LRmail@LakeRestoration.com

Emergency Phone: (800) 255-3924 (ChemTel, Inc.)
(800) 222-1222 (National Capital Poison Control Center)

SDS Date of Preparation: 6/29/15

2. HAZARDS IDENTIFICATION

GHS Classification:

Physical:	Health:
Not Classified	Not Classified

GHS Label Elements:

None Required

Hazard Statements

None Required

Precautionary Statements

None Required

3. COMPOSITION/INFORMATION ON INGREDIENTS

Component	CAS No.	Amount
Bio-Vitamins, Bio-Stimulants and Select Bacteria Cultures	Proprietary Mixture	100%

4. FIRST AID MEASURES

Eye: Rinse eyes thoroughly with water, while holding the eyelids apart. Get medical attention if irritation occurs and persists.

Skin: Flush thoroughly with water. Get medical attention if irritation occurs. Remove and launder clothing before re-use.

Inhalation: Remove victim to fresh air. If discomfort persists, get medical attention.

Ingestion: Rinse mouth with a small amount of water. Do not induce vomiting unless directed to do so by a medical professional. Get medical attention if you feel unwell.

Most Important Symptoms: Prolonged contact with eye and skin may cause irritation. Inhalation of mists or vapors may cause slight respiratory tract irritation. If swallowed may cause mouth and throat irritation along with cause gastrointestinal disturbances.

Indication of immediate medical attention/special treatment: Immediate medical attention is not required.

5. FIRE-FIGHTING MEASURES

Suitable (and Unsuitable) Extinguishing Media: Use measures appropriate to local circumstances and surrounding environment.

Specific Hazards Arising from the Chemical: This material is not flammable or combustible.

Special Protective Equipment and Precautions for Fire-Fighters: Firefighters should wear positive pressure self-contained breathing apparatus and full protective clothing. Cool fire exposed containers with water spray.

6. ACCIDENTAL RELEASE MEASURES

Personal Precautions, Protective Equipment, and Emergency Procedures: Avoid prolonged contact with eyes. Wear suitable protective clothing to prevent prolonged skin contact. Avoid breathing mists or vapors. Ventilate the area.

Methods and Materials for Containment and Cleaning Up: Contain and collect using an inert absorbent material and place in appropriate containers for disposal. Clean spill site with water. Notify authorities of releases as required.

7. HANDLING AND STORAGE

Precautions for Safe Handling: Avoid prolonged contact with eyes. Wear suitable protective clothing to prevent prolonged skin contact. Avoid breathing mists or vapors. Use with adequate ventilation. Wash thoroughly with soap and water after handling. Keep containers closed when not in use. Wash clothing before re-use.

Do not reuse containers. Empty containers retain product residues which can be hazardous. Follow all SDS precautions when handling empty containers.

Conditions for Safe Storage, Including Any Incompatibilities: Store in a cool, dry, well-ventilated area away from strong oxidizing agents and other incompatible materials. Keep away from heat, flames and direct sunlight. Keep container tightly closed when not in use. To maintain biological properties, do not freeze and do not store above 100°F (37.8°C). Never commingle with bactericides or quaternary disinfectants, as they will degrade/inactivate enzymes. For best results use within 12 months.

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Exposure Guidelines:

Bio-Vitamins, Bio-Stimulants and Select Bacteria Cultures	None Established
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Engineering Controls: Use with adequate general or local exhaust ventilation to minimize exposures levels.

Respiratory Protection: None should be needed for normal use. In operations where exposure levels are excessive, an approved organic vapor respirator appropriate for the form and concentration of the contaminants should be used. Selection and use of respiratory equipment must be in accordance with applicable regulations and good industrial hygiene practice.

Skin Protection: For prolonged use, use impervious gloves. Contact your glove supplier for assistance in selecting an appropriate glove.

Eye Protection: Wear chemical safety glasses or tight fitted goggles if needed to avoid eye contact.

Other: Impervious coveralls, apron and boots is required to prevent prolonged skin contact and contamination of personal clothing.

9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance: Slightly milky light tan liquid	Flammable Limits: LEL: Not applicable UEL: Not applicable
Odor: Mild characteristic	Vapor Pressure: <0.01 mmHg @ 68°F (20°C)
Odor Threshold: Not available	Vapor Density: Same as water
pH: 3.7-4.3 @ 77°F (25°C)	Relative Density: 1.01-1.02 @ 77°F (25°C)
Melting/Freezing Point: <32°F (<0°C)	Solubility (ies): Dispersible in water
Initial Boiling Point/Range: >212°F (>100°C)	Partition Coefficient Octanol/Water: Not available
Flashpoint: Not flammable	Auto-ignition Temperature: Not available
Evaporation Rate: <0.01 (n-butyl acetate=1)	Decomposition Temperature: Not available
Flammability (solid, gas): Not applicable	Viscosity: Not available

10. STABILITY AND REACTIVITY

Reactivity: Not reactive

Chemical Stability: Stable under normal storage and handling conditions.

Possibility of Hazardous Reactions: Hazardous polymerization will not occur. Strong acids may inactivate cultures.

Conditions to Avoid: Do not freeze. Avoid temperatures above 100°F (37.8°C).

Incompatible Materials: Strong oxidizing agents, alkalis, and acids

Hazardous Decomposition Products: None known.

11. TOXICOLOGICAL INFORMATION

HEALTH HAZARDS:

Eye: May cause eye irritation with prolonged contact.

Skin: May cause skin irritation with prolonged contact.

Inhalation: Inhalation of mists or vapors may cause irritation of the respiratory tract.

Ingestion: Swallowing large amounts of liquid may irritate stomach and cause nausea, vomiting, and diarrhea.

Chronic: No data available.

Sensitization: This product is not expected to cause sensitization.

Carcinogenicity: None of the components of this product are listed as a carcinogen or suspected carcinogen by IARC, NTP, and OSHA.

Germ Cell Mutagenicity: Not expected to cause germ cell mutagenicity.

Reproductive Toxicity: Not expected to cause reproductive harm.

Numerical Measures of Toxicity: No toxicity data available

12. ECOLOGICAL INFORMATION

Ecotoxicity: No data available

Persistence and Degradability: Readily biodegradable

Bioaccumulative Potential: No data available

Mobility in Soil: No data available

Other Adverse Effects: No data available

13. DISPOSAL CONSIDERATIONS

Dispose in accordance with local and national environmental regulations.

14. TRANSPORT INFORMATION

DOT Hazardous Materials Description:

Proper Shipping Name: Not Regulated

UN Number: None

Hazard Class/Packing Group: None

Labels Required: None

15. REGULATORY INFORMATION

U.S. FEDERAL REGULATIONS:

CERCLA 103 Reportable Quantity: This product is not subject to CERCLA reporting requirements. Many states have more stringent release reporting requirements. Report spills required under federal, state and local regulations.

SARA TITLE III:

Hazard Category for Section 311/312: Not Hazardous

Section 313 Toxic Chemicals: This product contains the following chemicals subject to SARA Title III Section 313 Reporting requirements: None

Section 302 Extremely Hazardous Substances (TPQ): None

EPA Toxic Substances Control Act (TSCA) Status: All of the components of this product are listed on or exempt from the TSCA inventory.

STATE REGULATIONS:

California Proposition 65: This product does not contain a substance known in the State of California to cause cancer and/or reproductive harm.

INTERNATIONAL REGULATIONS:

CANADIAN REGULATIONS

Canadian Environmental Protection Act: All components of this product are on the Domestic Substance List (DSL) or are exempt from DSL requirements.

16. OTHER INFORMATION

NFPA Rating: Health = 0 Flammability = 0 Instability = 0
HMIS Rating: Health = 1 Flammability = 0 Physical Hazard = 0

Date of Current Revision: 6/29/15

Revision Summary: New SDS

Date of Previous Revision: None

NOTICE

The above information is believed to be correct but does not propose to be all inclusive and shall be used only as a guide. Lake Restoration, Inc. shall not be held liable for any damage resulting from handling or from contact with the above product. This information relates only to the product designated herein and does not relate to its use in combination with any other material or process.