

LAKE RESTORATION, INC.

SAFETY DATA SHEET

1. PRODUCT AND COMPANY IDENTIFICATION

Product Identity: MuckMaid®

Recommended use of the chemical and restrictions on use:

Product use: Use to digest organic material and reduce the nutrients that enable weeds and algae to grow.

Uses advised against: None known

Company: 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)

2. HAZARDS IDENTIFICATION

GHS classification: The product is not classified according to the Globally Harmonized System (GHS)

GHS label elements:

Hazard pictograms: None

Signal word: None

Hazard statement: None

Classification system:

HMIS ratings: Health: 1 Flammability: 0 Physical hazard: 0

NFPA ratings: Health: 1 Flammability: 0 Reactivity: 0

Other hazards: Personal protection index: B

3. COMPOSITION/ INFORMATION ON INGREDIENTS

MuckMaid® Pellets are a proprietary composition that contain no hazardous ingredients at reportable concentrations.

4. FIRST AID MEASURES

Eye contact: Immediately flush eyes with plenty of water for at least 15 minutes. Seek medical attention if irritation persists.

Skin contact: Flush skin with large amounts of water. Remove any contaminated clothing and wash before re-use. Seek medical attention if irritation occurs.

Inhalation: If symptoms are experienced, remove source of contamination and/or move victim to fresh air. If breathing is difficult, have trained personnel administer

oxygen. If respiration stops, have trained personnel administer artificial respiration. Get medical attention immediately.

Ingestion: Give large amounts of water. Do not induce vomiting. If spontaneous vomiting is inevitable, prevent aspiration by keeping victim's head below the knees. Get immediate medical attention.

5. FIRE-FIGHTING MEASURES

Extinguishing media: Water fog or fine spray, carbon dioxide, dry chemical, or foam.
Special hazards: None
Fire-fighting protection: As in any fire, wear self-contained breathing apparatus pressure-demand, MSHA/NIOSH (approved or equivalent) and full protective gear.

6. ACCIDENTAL RELEASE MEASURES

Personal precautions, protective equipment, and emergency procedures: Wear appropriate personal protective equipment (PPE) and clothing. Isolate area. Keep unnecessary personnel away. Keep out of low areas. Ventilate closed spaces before entering.
Environmental precautions: Prevent further leakage or spillage if safe to do so.
Methods for containment: Prevent entry into waterways, sewers, basements, or confined areas.
Methods for clean-up: Wear appropriate protective equipment and clothing during clean-up.
Large spill: Dispose of in accordance with all local, state, and federal regulations.
Small spill: Follow same procedure as above.

7. HANDLING AND STORAGE

Precautions for safe handling: Wear appropriate personal protective equipment (PPE). Avoid contact with skin and eyes. Wash hands thoroughly after handling.
Precautions for safe storage: Store this product below 120° F (49° C), preferably below 75° F (24° C), in a cool, dry, well ventilated area away from heat, flame, oxidizers, and out of direct sunlight. For best results, use within 12 months.

8. EXPOSURE CONTROLS/ PERSONAL PROTECTION

Eye protection: General eye protection suggested when handling any chemical product. Eye wash fountain is recommended.
Hand protection: Chemical-resistant impervious gloves complying with an approved standard should be used at all times when handling chemical products.
Breathing equipment: Not required
General measures: Wear appropriate personal protective equipment (PPE). Use good personal hygiene practices. Wash hands before eating, drinking, smoking, or using the toilet. Promptly remove soiled clothing and wash thoroughly before re-use.

9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance: Tan pellet

Flammable Limits: LEL: Not available
UEL: Not available

Odor: Mild	Vapor Pressure: Not applicable
Odor Threshold: Not measured	Vapor Density: Not applicable
pH: Not applicable	Relative Density: Not available
Melting/Freezing Point: Not applicable	Solubility (ies): Not applicable
Initial Boiling Point/Range: Not available	Partition Coefficient Octanol/Water: Not available
Flashpoint: Not available	Auto-ignition Temperature: Not available
Evaporation Rate: Not applicable	Decomposition Temperature: Not available
Flammability (solid, gas): Not combustible	Viscosity: Not available

10. STABILITY AND REACTIVITY

Reactivity:	Hazardous polymerization will not occur.
Chemical stability:	Stable under normal circumstances.
Possibility of hazardous reactions:	Oxides of carbon and nitrogen.
Conditions to avoid:	Strong acids that may inactivate cultures.
Incompatible materials:	Oxides of carbon and nitrogen.
Hazardous decomposition products:	None known

11. TOXICOLOGICAL INFORMATION

INFORMATION ON TOXICOLOGICAL EFFECTS:

Acute toxicity:	LD/LC50 values that are relevant for classification: Product has not been tested. Based on the known information of the ingredients, product is expected to have a low order of acute toxicity (>2,000 mg/kg).
Primary irritant effect:	
Eye:	May cause discomfort, yet not an eye irritant.
Skin:	No irritant effect.
Sensitization:	No sensitizing effects known.
Additional toxicological information:	The product is not subject to classification according to internally approved calculation methods for preparations: When used and handled according to specifications, the product does not have any harmful effects according to our experience and the information provided to us.
Carcinogenicity:	None of the components of this product are listed as a carcinogen or suspected carcinogen by IARC (International Agency for Research on Cancer) or NTP (National Toxicology Program).

12. ECOLOGICAL INFORMATION

Toxicity:	Readily biodegradable
Aquatic ecotoxicity:	No data available
Persistence and degradability:	This product is readily biodegradable.
Bioaccumulative potential:	No data available
Mobility in soil:	No data available
Results of PBT and vPvB assessment:	This product contains no PBT/vPvB chemicals.

Other adverse effects: No data available

13. DISPOSAL CONSIDERATIONS

Waste treatment methods: Do not allow into drains or water courses. Wastes and emptied containers should be disposed of in accordance with regulations made under the Control of Pollution Act and the Environmental Protection Act.

Using information provided in this data sheet, advice should be obtained from the Waste Regulation Authority, whether the special waste regulations apply.

14. TRANSPORT INFORMATION

	DOT (Domestic Surface Transportation)	IMO/IMDG (Ocean Transportation)	ICAO/IATA
UN number	Not applicable	Not applicable	Not applicable
UN proper shipping name	NMFC 20400 Bacteria in dry or liquid carrier Comp Class 60	Not regulated	Not regulated
Transport hazard class(es)	DOT hazard class: Not applicable DOT label: ---	IMDG: Not applicable Sub class: Not applicable	Air class: Not applicable

Packing group: Not applicable
Environmental hazards: IMDG marine pollutant: no
Special precautions for user: No further information
Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code: Not applicable

15. REGULATORY INFORMATION

Regulatory overview: The regulatory data in section 15 is not intended to be all-inclusive, only selected regulations are represented. All ingredients of this product are listed on the TSCA (Toxic Substance Control Act) Inventory or are not required to be listed on the TSCA Inventory.

U.S. EPA Tier II hazards:

Fire: no
 Sudden release of pressure: no
 Reactive: no
 Immediate (acute): yes
 Delayed (chronic): no

EPCRA 302 extremely hazardous: (No product ingredients listed)

EPCRA 313 toxic chemicals: (No product ingredients listed)

Proposition 65:

Carcinogens (>0.0%): (No product ingredients listed)
 Developmental toxins (>0.0%): (No product ingredients listed)
 Female repro toxins (>0.0%): (No product ingredients listed)

Male repro toxins (>0.0%): (No product ingredients listed)
N.J. RTK substances (>1%): None
Penn RTK substances (>1%): None
EPA (Environmental Protection Agency): None of the ingredients are listed.
TLV (Threshold Limit Value established by ACGIH): None of the ingredients are listed.
NIOSH-Ca (National Institute for Occupational Safety and Health): None of the ingredients are listed.
OSHA label elements: Void
Hazard pictograms: Void
Signal word: Void
Hazard statements: Void

16. OTHER INFORMATION

Date of current revision: 2/6/23
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.