

MATERIAL SAFETY DATA SHEET

AQUAMARK®

FOR CHEMICAL EMERGENCY, SPILL, LEAK, FIRE, EXPOSURE OR ACCIDENT, CALL CHEMTREC - DAY OR NIGHT 1-800-424-9300

1. CHEMICAL PRODUCT AND COMPANY IDENTIFICATION

MANUFACTURED FOR:

LOVELAND PRODUCTS, INC.
P.O. Box 1286 • Greeley, CO 80632-1286

24-Hour Emergency Phone: 1-800-424-9300
Medical Emergencies: 1-866-944-8565
U.S. Coast Guard National Response Center: 1-800-424-8802

PRODUCT NAME: AQUAMARK® BLUE LAKE & POND COLORANT
CHEMICAL NAME: Mixture
CHEMICAL FAMILY: Mixture
EPA REG. NO.: not applicable
MSDS Number: 8201290-10-LPI **MSDS Revisions:** Sections 1 and 4 **Date of Issue:** 07/08/10 **Supersedes:** 01/04/07

2. HAZARDS IDENTIFICATION SUMMARY

KEEP OUT OF REACH OF CHILDREN - CAUTION – Prolonged inhalation may lead to respiratory tract irritation. May cause temporary eye and skin irritation. Exposure to unprotected skin areas may cause temporary staining. Ingestion of large quantities may be harmful.

This product is blue liquid with slight odor.

3. COMPOSITION, INFORMATION ON INGREDIENTS

<u>Chemical Ingredients:</u>	<u>Percentage by Weight:</u>	<u>CAS No.</u>	<u>TLV (Units)</u>
Contains no reportable quantities of hazardous ingredients			

4. FIRST AID MEASURES

If swallowed: Have person drink large amounts of water and induce vomiting. Do not give anything by mouth to an unconscious person.
If in eyes: Flush with large amounts of water. If irritation should persist, get medical attention.
If on skin: Flush with water.
If inhaled: Remove person to fresh air, get medical attention if irritation persists.
FOR A MEDICAL EMERGENCY INVOLVING THIS PRODUCT CALL: 1-866-944-8565.

5. FIRE FIGHTING MEASURES

FLASH POINT (°F/Test Method): Not applicable
FLAMMABLE LIMITS (LFL & UFL): Not established
EXTINGUISHING MEDIA: Dry chemical or carbon dioxide (CO₂), alcohol foam, foam or water spray/fog.
HAZARDOUS COMBUSTION PRODUCTS: May emit noxious fumes including, but not limited to, oxides of carbon, oxides of nitrogen, acetic acid, or other toxic compounds in a fire situation.
SPECIAL FIRE FIGHTING PROCEDURES: Wear self-contained breathing apparatus and full protective gear.
UNUSUAL FIRE AND EXPLOSION HAZARDS: Use water spray to cool containers.

6. ACCIDENTAL RELEASE MEASURES

STEPS TO BE TAKEN IF MATERIAL IS RELEASED OR SPILLED:

Control and contain the leak or spill. Pick up the material with absorbent and place in a container for proper disposal in accordance with local, state and federal regulations.

ENVIRONMENTAL PRECAUTIONS: Keep spills and cleaning runoff out of municipal sewers and open bodies of water.

7. HANDLING AND STORAGE

HANDLING: Keep out of reach of children. Avoid unnecessary skin contact. Do not breathe fumes. Wash thoroughly after handling.
STORAGE: Store in a cool, dry place. Store in original container. Keep container tightly closed. Do not reuse empty container. Do not contaminate water, food or feed by storage or disposal.

8. EXPOSURE CONTROLS / PERSONAL PROTECTION

ENGINEERING CONTROLS: Work in well-ventilated area. Local exhaust may be required if working in confined spaces.
RESPIRATORY PROTECTION: If excessive vapors or mists are generated, wear a NIOSH/MSHA approved organic vapor/mist respirator.
EYE PROTECTION: Chemical goggles or safety glasses or a face shield if a splash hazard exists. An emergency eyewash station should be available.
SKIN PROTECTION: Wear protective clothing: coveralls, apron, boots and gloves. A safety shower should be available.

For product

OSHA PEL 8 hr TWA
not listed

ACGIH TLV-TWA
not listed

9. PHYSICAL AND CHEMICAL PROPERTIES

APPEARANCE AND ODOR: Blue liquid with slight odor. **SOLUBILITY:** Soluble
SPECIFIC GRAVITY (Water = 1): 1.02-1.04 g/ml **BULK DENSITY:** 8.51-8.68 lbs/gal. **pH:** 6.5-8.5 (neat)
VAPOR PRESSURE: Not applicable **BOILING POINT:** Not established
PERCENT VOLATILE (by volume): Not established **EVAPORATION RATE:** Slower than ether
 Note: These physical data are typical values based on material tested but may vary from sample to sample.
 Typical values should not be construed as a guaranteed analysis of any specific lot or as specification items.

10. STABILITY AND REACTIVITY

STABILITY: Stable
CONDITIONS TO AVOID: Extremes in temperature and high humidity.
INCOMPATIBILITY: Long term storage in direct contact with reactive metals such as aluminum, zinc, copper, nickel, magnesium, etc., strong reducing agents and strong oxidizing agents.
HAZARDOUS DECOMPOSITION PRODUCTS: May emit noxious fumes including, but not limited to, oxides of carbon, oxides of nitrogen, acetic acid, or other toxic compounds in a fire situation.
HAZARDOUS POLYMERIZATION: Will not occur.

11. TOXICOLOGICAL INFORMATION

Acute Oral LD₅₀ (rat): Not established **Acute Dermal LD₅₀ (rabbit):** Not established
Eye Irritation (rabbit): Irritation may occur **Skin Irritation (rabbit):** Irritation will occur on prolonged contact.
Inhalation LC₅₀ (rat): Not established. **Skin Sensitization (guinea pig):** Not established.
Carcinogenic Potential: Not listed by OSHA, NTP, IARC, or ACGIH as a known human carcinogen

12. ECOLOGICAL INFORMATION

Keep spills and cleaning runoff out of municipal sewers and open bodies of water.

13. DISPOSAL CONSIDERATIONS

Wastes may be disposed of on-site or at an approved waste disposal facility. Triple rinse (or equivalent) and add rinsate to spray tank. Offer container for recycling or dispose of container in a sanitary landfill, or by other procedures approved by appropriate authorities. Recycling decontaminated containers is the best option of container disposal. The Agricultural Container Recycling Council (ACRC) operates a national recycling program. To contact your state and local ACRC recycler visit the ACRC web page at <http://www.acrecycle.org/>. Do not contaminate water, food or feed by storage or disposal.

14. TRANSPORT INFORMATION

DOT Shipping Description: NOT REGULATED BY USDOT.
Freight Classification: DYESTUFFS, NOI (NMFC 60280; CLASS: 70)
Consult appropriate ICAO/IATA and IMDG regulations for shipment requirements in the Air and Maritime shipping modes.

15. REGULATORY INFORMATION

NFPA & HMIS Hazard Ratings:		NFPA		HMIS
1	Health	0	Least	1 Health
1	Flammability	1	Slight	1 Flammability
0	Instability	2	Moderate	0 Reactivity
		3	High	X PPE
		4	Severe	

SARA Hazard Notification/Reporting
SARA Title III Hazard Category: Immediate N Fire N Sudden Release of Pressure N
 Delayed N Reactive N

Reportable Quantity (RQ) under U.S. CERCLA: Not listed
SARA, Title III, Section 313: Not listed
RCRA Waste Code: Not listed
CA Proposition 65: Not listed

16. OTHER INFORMATION

MSDS STATUS: Sections 1 and 4 revised

PREPARED BY: Registrations and Regulatory Affairs

REVIEWED BY: Environmental/Regulatory Services

®AQUAMARK is a registered trademark of Loveland Products, Inc

Disclaimer and Limitation of Liability: This data sheet was developed from information on the constituent materials identified herein and does not relate to the use of such materials in combination with any other material or process. No warranty is expressed or implied with respect to the completeness or ongoing accuracy of the information contained in this data sheet, and LOVELAND PRODUCTS, INC. disclaims all liability for reliance on such information. This data sheet is not a guarantee of safety. Users are responsible for ensuring that they have all current information necessary to safely use the product described by this data sheet for their specific purpose.