

MATERIAL SAFETY DATA SHEET

WARM-UP™ TURF PAINT

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: 1-800-301-7976

U.S. Coast Guard National Response Center: 1-800-424-8802

PRODUCT NAME: WARM-UP™ TURF PAINT
CHEMICAL NAME: Concentrated Pigment
CHEMICAL FAMILY: Mixture
EPA REG. NO.: not applicable
MSDS Number: WUTP-06-LPI

MSDS Revisions: New

Date Of Issue: 04/07/06

Supersedes: New

2. HAZARDS IDENTIFICATION SUMMARY

KEEP OUT OF REACH OF CHILDREN – CAUTION – Keep out of eyes. May irritate eyes. In case of contact with eyes, flush with large amounts of water. If irritation persists, get medical attention. May provoke asthmatic responses in persons who are sensitive to airway irritants. Do not breathe fumes.

This product is a blue-black thin 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>
Carbon Black	3.00	1333-86-4	3.5 mg/m ³ (dry)
Other Ingredients	12.75	Proprietary	not listed
Water	84.25	7732-18-5	not listed

4. FIRST AID MEASURES

IF IN EYES: Flush with water for at least 15 minutes. If irritation persists, see a doctor.
IF SWALLOWED: Contact a poison control center or doctor immediately. Unless advised otherwise, dilute with milk or water.
IF ON SKIN: Wash affected area with soap and water. If irritation develops consult a doctor. Remove and launder clothing before reuse.
IF INHALED: If difficulty in breathing occurs, move to fresh air. Get immediate medical attention.

5. FIRE FIGHTING MEASURES

FLASH POINT (°F/Test Method): >200°F / >93.3°C.
FLAMMABLE LIMITS (LFL & UFL): Not established
EXTINGUISHING MEDIA: Foam, alcohol foam, CO₂, dry chemical, or water fog.
HAZARDOUS COMBUSTION PRODUCTS: Oxides of carbon, oxides of nitrogen, acetic acid, and other noxious fumes may evolve once water is driven off.
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:

Wear appropriate personal protective equipment (refer to Section 8). Control and contain the leak. 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. Wash thoroughly after handling.
STORAGE: Store in a cool, dry area. Keep container tightly closed. Do not freeze. 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 space.
RESPIRATORY PROTECTION: If excessive mists/vapors are generated, wear a NIOSH/MSHA approved organic vapor/mist respirator.
EYE PROTECTION: Chemical goggles or safety glasses. An emergency eyewash station should be available.
SKIN PROTECTION: Wear protective clothing and gloves.

	OSHA PEL 8 hr TWA	ACGIH TLV-TWA
Carbon Black (dry form)	3.5 mg/m ³	3.5 mg/m ³

9. PHYSICAL AND CHEMICAL PROPERTIES

APPEARANCE AND ODOR: Blue-black thin liquid with slight odor. **SOLUBILITY:** Soluble
SPECIFIC GRAVITY (Water = 1): ± 1.0 g/ml **BULK DENSITY:** ± 8.34 lbs/gal. **pH:** Not established
VAPOR PRESSURE: Not established **BOILING POINT:** Not established
PERCENT VOLATILE (by volume): Not established **EVAPORATION RATE:** Not established
 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. High humidity
INCOMPATIBILITY: Strong oxidizing agents. Long-term storage in direct contact with reactive metals: aluminum, zinc, copper, nickel, magnesium, etc.
HAZARDOUS DECOMPOSITION PRODUCTS: Oxides of carbon, oxides of nitrogen, acetic acid, and other noxious fumes may evolve once water is driven off.
HAZARDOUS POLYMERIZATION: Will not occur.

11. TOXICOLOGICAL INFORMATION

Acute Oral LD₅₀ (rat): Not established **Acute Dermal LD₅₀ (rabbit):** Not established
Eye Irritation (rabbit): Not established **Skin Irritation (rabbit):** Not established
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

Do not apply directly to water, or to areas where surface water is present or to intertidal areas below the mean high water mark.

13. DISPOSAL CONSIDERATIONS

Do not reuse container. Triple rinse (or equivalent) and add rinsate to spray tank, then offer for recycling at an ACRC site (go to <http://www.acrecycle.org/> for locations) or by reconditioning, or puncture and dispose of in a sanitary landfill or incineration, or, if allowed by state and local authorities, by burning. If burned, stay out of smoke. Do not contaminate water, food or feed by storage or disposal.

14. TRANSPORT INFORMATION

DOT Shipping Description: NOT REGULATED BY USDOT.
Freight Classification: DYES OR COLORS (NMFC 44380; CLASS: 100)
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
	0 Flammability	1 Slight	0 Flammability
	0 Instability	2 Moderate	0 Reactivity
		3 High	H PPE
		4 Severe	

SARA Hazard Notification/Reporting
SARA Title III Hazard Category: Immediate Y 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: New

PREPARED BY: Registrations and Regulatory Affairs

REVIEWED BY: Environmental/Regulatory Services

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