

MATERIAL SAFETY DATA SHEET

TANK & EQUIPMENT CLEANER

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

1. CHEMICAL PRODUCT AND COMPANY IDENTIFICATION

FORMULATED 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: 1-800-424-9300

PRODUCT NAME: TANK & EQUIPMENT CLEANER

CHEMICAL NAME: Detergent Mixture

CHEMICAL FAMILY: Detergent

EPA REG. NO.: not applicable

MSDS Number: .54057-08-LPI

MSDS Revisions: All sections reviewed

Date Of Issue: 07/31/08

Supersedes: 07/28/04

2. HAZARDS IDENTIFICATION SUMMARY

KEEP OUT OF REACH OF CHILDREN – CAUTION – Do not take internally. Avoid breathing dusts. Avoid prolonged or repeated skin contact. Avoid eye contact.

This product is light orange granular powder with mild odor. Note: product will turn green in the presence of or addition of water. Primary routes of entry are Inhalation, eye contact and skin contact.

3. COMPOSITION, INFORMATION ON INGREDIENTS

<u>Chemical Ingredients:</u>	<u>Percentage by Weight:</u>	<u>CAS No.</u>	<u>TLV (Units)</u>
Sodium Tripolyphosphate	88.55	7758-29-4	not listed
Sodium Carbonate	5.46	497-19-8	not listed
Inert ingredients, including	5.99		
Sodium Metasilicate		6834-92-0	not listed
Propylene Glycol		57-55-6	not listed

4. FIRST AID MEASURES

If in eyes: Flush with water for 15 minutes, get medical attention if necessary.
If on skin: Wash with plenty of water, get medical attention if irritation persists.
If swallowed: Call a physician immediately. Drink 2 glasses of water. Do not induce vomiting.
If inhaled: Move person to fresh air. Apply artificial respiration if necessary.

5. FIRE FIGHTING MEASURES

FLASH POINT (°F/Test Method): >212°F / >100°C
FLAMMABLE LIMITS (LFL & UFL): Not established
EXTINGUISHING MEDIA: Use medium appropriate to surrounding fire. Dry chemical, carbon dioxide, foam, water spray or fog.
HAZARDOUS COMBUSTION PRODUCTS: None known.
SPECIAL FIRE FIGHTING PROCEDURES: Use water spray to cool containers exposed to fire. Remain upwind. Avoid breathing smoke. Wear self-contained breathing apparatus and full protective gear.
UNUSUAL FIRE AND EXPLOSION HAZARDS: Dusts or vapors can travel to a sources of ignition and flash back.

6. ACCIDENTAL RELEASE MEASURES

STEPS TO BE TAKEN IF MATERIAL IS RELEASED OR SPILLED:

Avoid breathing dusts. Sweep up dry spills immediately and transfer to suitable containers for reuse or for disposal. Check local, state and federal regulations for proper disposal.

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

7. HANDLING AND STORAGE

HANDLING: Wash thoroughly after handling. Avoid breathing dust.
STORAGE: Store in a cool dry place. Store in original container. Keep tightly closed. Do not contaminate water, food or feed by storage or disposal.

8. EXPOSURE CONTROLS / PERSONAL PROTECTION

ENGINEERING CONTROLS: Not normally required.
RESPIRATORY PROTECTION: Not normally required, if vapors or dusts exceed acceptable levels, wear a MSHA/NIOSH approved pesticide respirator with dust/mist prefilter.
EYE PROTECTION: Chemical goggles or shielded safety glasses.
SKIN PROTECTION: Wear protective clothing: long-sleeved shirts and pants, hat, rubber boots with socks. Wear rubber or chemical-resistant gloves.

OSHA PEL 8 hr TWA
Nuisance Particulates 15 mg/m³ (Total Dust)

ACGIH TLV-TWA
not listed

9. PHYSICAL AND CHEMICAL PROPERTIES

APPEARANCE AND ODOR: Light orange granular powder with slight odor
SPECIFIC GRAVITY (Water = 1): 1.11 g/ml (loose pack) **BULK DENSITY:** 69 lbs/ft³
VAPOR PRESSURE: Not applicable **BOILING POINT:** Not applicable
PERCENT VOLATILE (by volume): Not applicable **EVAPORATION RATE:** Not applicable
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.

SOLUBILITY: Soluble
pH: 10.8 (1% solution)

10. STABILITY AND REACTIVITY

STABILITY: Stable **CONDITIONS TO AVOID:** None known.
INCOMPATIBILITY: None known.
HAZARDOUS DECOMPOSITION PRODUCTS: None known.
HAZARDOUS POLYMERIZATION: Will not occur.

11. TOXICOLOGICAL INFORMATION

Acute Oral LD₅₀ (rat): >5000 mg/kg **Acute Dermal LD₅₀ (rabbit):** >5000 mg/kg
Eye Irritation (rabbit): May cause irritation **Skin Irritation (rabbit):** May cause irritation
Inhalation LC₅₀ (rat): Not established. **Skin Sensitization (guinea pig):** Not established.
Carcinogenic Potential: None listed in OSHA, NTP, IARC or ACGIH

12. ECOLOGICAL INFORMATION

Drift or runoff may adversely affect non-target plants. Do not contaminate water when disposing of equipment wash water.
 Do not apply when weather conditions favor drift from target area.

13. DISPOSAL CONSIDERATIONS

Do not reuse empty container. Offer container for recycling at an ACRC site (go to <http://www.acrecycle.org/> for locations) or dispose of in a sanitary landfill. Do not contaminate water, food, or feed by storage or disposal.

14. TRANSPORT INFORMATION

DOT Shipping Description: NOT REGULATED BY USDOT
U.S. Surface Freight Classification: CLEANING, SCOURING OR WASHING COMPOUNDS, NOI, OTHER THAN LIQUID, (NMFC 48581; CLASS 55)

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: Sodium Tripolyphosphate (CAS: 7758-29-4) 5000 pounds

SARA, Title III, Section 313: Not listed

RCRA Waste Code: Not listed

CA Proposition 65: Not listed

16. OTHER INFORMATION

MSDS STATUS: All sections reviewed and/or revised

PREPARED BY: Registrations and Regulatory Affairs

REVIEWED BY: Environmental/ Regulatory Services

U.S. Patent No. 3,913,555

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