

MATERIAL SAFETY DATA SHEET

State Chemical Division – State Industrial Products 3100 Hamilton Avenue, Cleveland, OH 44114 (216) 861-7114
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1. CHEMICAL PRODUCT AND COMPANY IDENTIFICATION

Product Name: **LAY-UP** 24 Hour Emergency CHEMTREC Number: 800-424-9300
Product Description: A formulated boiler water treatment compound. MSDS Number: M00396

2. COMPOSITION/INFORMATION ON INGREDIENTS

<u>Hazardous Ingredients</u>	<u>CAS Number</u>	<u>Weight</u>	<u>ACGIH</u>	<u>OSHA</u>
Trisodium Phosphate	7601-54-9	< 10%	NE	NE
Sodium Sulfite	7757-83-7	< 3%	NE	NE

3. HAZARDS IDENTIFICATION

EMERGENCY OVERVIEW

Harmful if swallowed. Eye and skin irritant.

POTENTIAL HEALTH EFFECTS Eye Contact: May cause eye irritation. Skin Contact: May cause skin irritation. Avoid prolonged skin contact. Inhalation: None expected. Vapors may cause irritation of the respiratory tract. Ingestion: Harmful if swallowed. General: May aggravate existing lung and skin conditions.

4. FIRST AID MEASURES

Eye Contact: Promptly flush with a large amount of water for at least 15 minutes. If irritation persists, consult a physician. Skin Contact: Promptly wash with soap and water and rinse thoroughly. Remove contaminated clothing and shoes. Launder clothing before reuse. If irritation persists, consult a physician. Inhalation: Remove to fresh air. If irritation persists, contact a physician. Ingestion: Neutralize by giving vinegar in a water solution. Do not induce vomiting. Never give anything to an unconscious person. Contact a physician immediately.

5. FIRE FIGHTING MEASURES

Flashpoint: None to boiling point by TCC. Lower Explosive Limit(LEL): NA Upper Explosive Limit(UEL): NA
Autoignition Temperature: NA Flammable Properties: None expected. Extinguishing Media: Use an extinguishing media appropriate for surrounding fire. Fire Fighting Instructions: Full protective equipment including self-contained breathing apparatus should be used.

6. ACCIDENTAL RELEASE MEASURES

Flush spill with plenty of water to nearest drain. Avoid discharge to natural waters. Dispose of in accordance with Federal, State and Local Regulations regarding waste disposal.

7. HANDLING AND STORAGE

Handling: This product is for industrial use only. Use with adequate ventilation. Wash thoroughly after handling. Do not take internally. Harmful if swallowed. Empty product containers may contain product residue. Avoid contact with skin, eyes and clothing. Do not mix with other chemicals. Intentional misuse by deliberately concentrating and inhaling the contents can be harmful or fatal. Storage: Keep out of reach of children. Keep containers closed when not in use. Store in a well-ventilated area. Do not store for prolonged periods in below freezing temperatures.

8. EXPOSURE CONTROLS / PERSONAL PROTECTION

Engineering Controls: Use general or local ventilation to keep exposure levels below exposure limits. Personal Protective Equipment: Respiratory: Typically not required. Required for use in confined areas with no ventilation or when concentrations exceed the established exposure limits. Eye: Wear safety glasses or goggles with unperforated sideshields. Skin: Wear chemically impervious gloves. Other: An emergency eyewash station or source of clean potable water should be available in case of accidental eye contact.

9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance: Clear, pale yellow. Odor: None. Physical State: Liquid. pH: < 12.5 Boiling Point: > 212°F
Freezing/Melting Point: NA Solubility in Water: Complete. Specific Gravity: 1.064 – 1.076

10. STABILITY AND REACTIVITY

Stability: Stable Hazardous Polymerization: Will not occur. Conditions to Avoid: None expected. Incompatibility: None expected. Do not mix with any other chemicals. Hazardous Decomposition Products: None expected.

11. TOXICOLOGICAL INFORMATION

IARC / NTP / OSHA: This product contains no ingredient at 0.1% or greater that is listed as a human carcinogen.

<u>Hazardous Ingredients</u>	<u>CAS Number</u>	<u>LD50</u>	<u>LC50</u>
Trisodium Phosphate	7601-54-9	7.40 g/kg (oral rat)	NE
Sodium Sulfite	7757-83-7	820 mg/kg (oral mouse)	2600 ppm96 hr (mosquito fish)

12. ECOLOGICAL INFORMATION

NA

13. DISPOSAL CONSIDERATIONS

Avoid discharge to natural waters. Do not reuse empty containers. Flush thoroughly with plenty of water, crush or discard or give rinsed containers to a drum re-conditioner for recycling. Dispose of in accordance with the Federal, State, and Local Regulations regarding pollution and waste disposal.

14. TRANSPORT INFORMATION

DOT Shipping Data: Not Regulated. Canadian TDG: Not Regulated.

15. REGULATORY INFORMATION

TSCA: All ingredients in this product are listed or exempt from listing on the TSCA Chemical Inventory. CEPA: All ingredients in this product are listed or exempt from listing on the Canadian DSL/NDL. Proposition 65: Raw materials used in this product have identified the opportunity for the presence of very low levels of the following California Proposition 65 chemicals known to the state of California to cause cancer, birth defects or other reproductive harm: Cadmium (7440-43-9), Arsenic (7440-38-2), Lead (7439-92-1). We have tested a representative sample of this product for the presence of these chemicals and have found none to be present at above analytical detection limits. SARA 313: This product contains no chemicals subject to the reporting requirements of Section 313 of the Emergency Planning and Community Right-To-Know Act of 1986 (40CFR372). HMIS RATING: HEALTH = 2 FLAMMABILITY = 0 REACTIVITY = 0 PPE = B WHMIS RATING: Class D, Division 2B

16. OTHER INFORMATION

NA = Not Available or Not Applicable NE = Not Established

Read and follow all label directions and precautions before using the product. This product is intended for industrial and institutional use only. NOT FOR HOUSEHOLD USE OR RESALE. KEEP OUT OF THE REACH OF CHILDREN. While we believe that the data contained herein is factual and the opinions expressed are those of qualified experts, the data are not to be taken as a warranty or representation for which the company assumes legal responsibility. They are offered solely for your consideration, investigation, and verification. Any use of these data and information must be determined by the user to be in accordance with applicable Federal, State, and Local Laws and regulations.

HEALTH AND SAFETY INFORMATION: (216) 861-7114

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