

MATERIAL SAFETY DATA SHEET

State Chemical Manufacturing Company
3100 Hamilton Avenue, Cleveland, OH 44114 (216) 861-7114

State Chemical Ltd.
1745 Meyerside Dr., Unit #1, Mississauga, Ontario L5T 1C6 (905) 670-4669

1. CHEMICAL PRODUCT AND COMPANY IDENTIFICATION

Product Name: **JONADE / URINAL-ADE / URINAL BUOY**
Product Description: Formulated cleaning and deodorizing blocks.

24 Hour Emergency CHEMTREC Number: 800-424-9300
MSDS Number: M01011

2. COMPOSITION/INFORMATION ON INGREDIENTS

<u>Hazardous Ingredients</u>	<u>CAS Number</u>	<u>Weight</u>	<u>ACGIH</u>	<u>OSHA</u>
Hydrogenated Tallow Alcohol	67762-30-5	< 24.0%	NE	NE
Ethoxylated Alcohols	68526-94-3	< 34.0%	NE	NE
Disodium Phosphate	7558-79-4	< 20.0%	3 mg/m3 (respirable)	5 mg/m3 (respirable)
Sodium Sulfate	7757-82-6	< 23.0%	5 mg/m3 (respirable)	5 mg/m3 (respirable)
Tetrasodium EDTA	64-02-8	< 5.0%	NE	NE
Citric Acid	77-92-9	< 2.0%	5 mg/m3 (respirable)	5 mg/m3 (respirable)

3. HAZARDS IDENTIFICATION

EMERGENCY OVERVIEW

May be harmful if swallowed. May cause eye, skin and respiratory irritation.

POTENTIAL HEALTH EFFECTS

Eye Contact: May cause severe eye irritation. May cause blurred vision, tearing and redness.
Skin Contact: May cause skin irritation. Avoid prolonged skin contact.
Inhalation: May cause irritation of the respiratory tract, dizziness, nausea or vomiting.
Ingestion: May be harmful if swallowed. May cause gastro-intestinal disturbances.
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 launder before reuse. If irritation persists, consult a physician.
Inhalation: Remove to fresh air. Restore breathing if necessary. If irritation persists, consult a physician.
Ingestion: Give two glasses of water. Do not induce vomiting. Never give anything to an unconscious person. Contact a physician immediately.

5. FIRE FIGHTING MEASURES

Flashpoint(Method): None to 200°F.
Lower Explosive Limit(LEL): NA Upper Explosive Limit(UEL): NA
Autoignition Temperature: NA
Flammable Properties: Keep away from sunlight, heat and all sources of ignition.
Extinguishing Media: Carbon Dioxide, dry chemical.
Fire Fighting Instructions: Wear self-contained breathing apparatus and full protective clothing.

6. ACCIDENTAL RELEASE MEASURES

Ventilate area. Flush spill with large amounts of water to nearest drain. Dispose of in accordance with all Federal, State and Local Regulations regarding waste disposal.

7. HANDLING AND STORAGE

This product is for industrial use only. Use with adequate ventilation. Wash thoroughly after handling. Do not take internally. Avoid contact with skin, eyes and clothing. Keep out of reach of children. Keep away from sunlight, heat and all sources of ignition. Store in a well-ventilated, cool, dry area.

8. EXPOSURE CONTROLS / PERSONAL PROTECTION

Engineering Controls: Use of general or local ventilation is recommended whenever this product is used in confined spaces or above ambient temperature.
Personal Protective Equipment:
Respiratory: If personal exposure cannot be controlled below applicable limits by ventilation, wear a NIOSH approved, properly fitted respirator.
Eye: Wear approved safety glasses or goggles with unperforated sideshields where splashing may occur.
Skin: Wear chemically impervious gloves where prolonged or repeated contact may occur.
Other: An emergency eyewash station should be available in case of accidental eye contact.

9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance:	Colored.	Odor:	Fragranced.
Physical State:	Solid.	pH:	7.69 +/- 0.05
Boiling Point:	NA	Freezing/Melting Point:	Solid at room temperature.
Solubility in Water:	95%	Specific Gravity:	NA
VOC Content:	5.5% by weight.	Percent Volatile:	7.5% by weight

10. STABILITY AND REACTIVITY

Stability: Stable.
Hazardous Polymerization: Will not occur.
Conditions to Avoid: Heat, sparks, open flames or other sources of ignition.
Incompatibility: Oxidizing agents. Bases. Reducing agents.
Hazardous Decomposition Products: Carbon Dioxide, Carbon Monoxide. Oxides of Sulfur. Oxides of Nitrogen.

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>
Hydrogenated Tallow Alcohol	67762-30-5	NE	NE
Ethoxylated Alcohols	68526-94-3	NE	NE
Disodium Phosphate	7558-79-4	5950 mg/kg (rat oral)	>100 mg/l (rainbow trout)
Sodium Sulfate	7757-82-6	>4.0 g/kg (rabbit skin)	4547 mg/l/96 hr (daphnia magna)
Tetrasodium EDTA	64-02-8	3030 mg/kg (rat oral)	48000 ppm/<4 hr (rat)
Citric Acid	77-92-9	3 gm/kg (oral rat)	NE

12. ECOLOGICAL INFORMATION

NA

13. DISPOSAL CONSIDERATIONS

Dispose of in accordance with all 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/NDSL.
Proposition 65: This product may contain trace amounts of the following chemicals that are known to the state of California to cause cancer, birth defects or other reproductive harm.
Ethylene Oxide 75-21-8
1,4 Dioxane 123-91-1

SARA 313: This product contains no toxic 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 = 1 FLAMMABILITY = 1 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

Completed On: February 2003

Replaces: November 2002

Completed By: Regulatory Affairs