



**1. Manufacturer Name and Product Identification**

**Manufacturer Name & Address:** Environmentally Sensitive Solutions, Inc., 6230 Eastwood Court, Mequon, Wisconsin 53092 **Phone:** (877) 638-8725

**Product name:** Urinal Ball

**Trade Name:** Urinal Ball

**Chemical Name and Synonyms:** Proprietary blend of ingredients including bacillus organisms

**2. Composition**

Hazardous Ingredients	CAS Number	Weight Percent	OSHA PEL	ACGIH TLV
Proprietary blend that includes bacillus organisms	None Established	Proprietary	None Established	None Established

**3. Health Hazards**

**Overview:** This product contains a proprietary blend of ingredients and naturally-occurring nonpathogenic bacillus organisms. It does not contain ingredients listed as dangerous substances under Annex 1 of the EEC directive 67/548 and has no U.S. Occupational Safety and Health Administration (OSHA) listed ingredients in concentrations greater than 1.0% by weight. It is not listed by IARC, NTP, or ACGIH.

**Routes of entry:** **Skin:** Yes **Eyes:** Yes **Inhalation:** Yes **Ingestion:** Unlikely

**Acute:** Possible eye irritant. May cause skin and respiratory irritation in some sensitive individuals.

**Chronic:** May cause drying of the skin and contact dermatitis in some individuals.

**Carcinogenicity:** **NTP:** No **IARC Monographs:** No **OSHA:** No

**Signs and Symptoms of Exposure**

**Skin:** Dryness, itchiness, redness, inflammation.

**Eyes:** Redness, tearing, swelling.

**Inhalation:** Sore throat, coughing, dizziness, shortness of breath.

**Ingestion:** Nausea, diarrhea, weakness, gastrointestinal discomfort.

**4. First Aid Measures**

**Skin Contact:** Rinse affected area with fresh water. Use skin lotion to restore moisture to skin and relieve possible dryness or redness.

**Eye Contact:** Flush eyes thoroughly with tepid water for 15 minutes while holding eyelids open. If wearing contacts, remove from eyes quickly during rinse process. Call a physician promptly if irritation is severe or persists.

**Inhalation:** Remove affected person to fresh air. If prolonged shortness of breath or dizziness persists, call a physician promptly.

**Ingestion:** Drink water but do not induce vomiting. Never give anything by mouth to an unconscious person. Call a physician promptly.

**Note to Physician:** Treatment of overexposure should be directed at the control of symptoms and the patient's clinical condition. Product contains non-pathogenic bacillus organisms that are generally recognized as safe; it does not contain enzymes.

**5. Fire Fighting Measures**

**NFPA Hazard Rating:** Health: 1 Flammability: 0 Reactivity: 0

**Flashpoint:** >250F (TCC) **Lower Explosive Limit:** Not Established **Upper Explosive Limit:** Not Established

**Autoignition Temperature:** Not Applicable **Extinguishing Media:** Not Applicable

**Unusual Explosion Hazards:** None.

**Special Protective Equipment for Firefighters:** Wear self-contained breathing apparatus with full facepiece to protect eyes and avoid inhaling byproducts of combustion. Wear other chemical protective clothing as needed to prevent skin contact.

**6. Accidental Release Measures**

**Steps to Take if Material is Spilled or Released:** Dropped or spilled product can be picked up or shoveled up as it is a solid gel in ball form. Do not discard product directly into waterways. Dispose according to federal, state, and local regulations.

**7. Handling And Storage**

**Special Precautions:** Store in a cool (preferably 50F – 80F) and dry area out of direct sunlight. Keep from freezing. Do not use at temperatures above 140°F. High temperatures may cause product to soften or melt. Keep containers tightly closed until used. Do not mix with other chemicals. Do not store near open flames or other extreme heat sources. Make sure containers are labeled properly. Read and understand the MSDS before using this product.

## 8. Exposure Controls

**Respiratory Protection:** Respiratory protection is not normally required when product is used in adequately ventilated areas. If needed, a NIOSH approved respirator should be used by sensitive individuals.

**Eye Protection:** None normally needed, though safety glasses with side shields are recommended if product will be handled in a manner that could result in eye contact.

**Skin Protection:** Chemical protective gloves recommended for sensitive individuals when handling the concentrated product.

**Other Protective Equipment:** Fresh water source (hose, eye wash or safety shower) in work area is recommended.

**Engineering Controls:** Good general ventilation.

## 9. Physical And Chemical Properties

<b>Chemical Family:</b> Proprietary ingredient/bacillus mix	<b>Appearance:</b> Ball-shaped pink gel	<b>Odor:</b> Fragranced
<b>pH (undiluted):</b> 6.8 – 7.8	<b>Melting Point:</b> 140°F	<b>Freezing Point:</b> 33°F
<b>Solubility in Water:</b> Partial	<b>Finished Product Density:</b> Not Available	<b>Wt. % Volatile (less water):</b> <1%

## 10. Stability And Reactivity

**Stability:** Stable. **Hazardous Polymerization:** Will not occur.

**Materials to Avoid:** Avoid contact with acids, alkalis, oxidizers, reducers, and disinfectants. Contact with disinfectants will reduce or eliminate the effectiveness of this product. This product should be used only with non-disinfecting urinal cleaners having pH of 6.5 – 7.9.

**Hazardous Decomposition Products:** Thermal decomposition can produce carbon monoxide, carbon dioxide, hydrogen sulfide, and oxides of sulfur as well as other products of combustion in trace amounts.

**Conditions to Avoid:** Excessive heat, open flame, prolonged storage above 90F, or use above 140F.

## 11. Disposal Considerations

Dispose unused material and empty containers in compliance with federal, state and local regulations. Do not re-use empty containers for other purposes. Do not dump concentrated product into sewers, on the ground or into any body of water.

## 12. Ecological Information

**Ecotoxicity:** Data provided by manufacturers of individual raw ingredients indicate low to moderate acute aquatic toxicity in the most sensitive species tested when tested at full strength. Ecotoxicity should be low under normal use conditions. Material is phosphate free and should be biodegradable.

**Environmental Fate:** Water-soluble ingredients are biodegradable per manufacturer-supplied data.

**Bioaccumulation:** Not expected to bioaccumulate.

## 13. Transport Information

<b>U. S. Department of Transportation (DOT):</b> Non-Hazardous, Non-Regulated Liquid	<b>Marine Pollutant:</b> Not expected
<b>Proper Shipping Name:</b> Non-Regulated, No Dangerous Cargo	<b>UN/NA ID:</b> Non-Regulated, No Dangerous Cargo

## 14. Regulatory Information

**TSCA:** Components required to be listed under TSCA are shown in Section 2.

**SARA Title 3, Sections 311, 312, and 313:** No components of this product are subject to reporting under these regulations.

**California Proposition 65:** No ingredients in this product are listed by the State of California to cause cancer or reproductive toxicity.

**Reportable Quantities of CERCLA Hazardous Substances:** Not listed.

## 15. Disclaimer

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