

# Material Safety Data Sheet

## Product: Liquid Seal For Waterless Urinals

### 1. Product and Company Identification

**Product name:** Liquid Seal for Waterless Urinals

**Trade Name:** Liquid Seal for Waterless Urinals

**Chemical Name and Synonyms:** liquid seal for waterless urinals manufactured for Kohler (Patent Pending).

**Company name & address (see footer below):**

**Daytime telephone number:**

**Email:**

### 2. Composition

Hazardous Ingredients	Weight Percent	CAS Number	Recommended Limits
Proprietary Blend (Patent Pending) of non-hazardous components	100 %	Not available.	Not established

### 3. Hazards Identification

**Threshold Limit Value:** This product has no OSHA listed components in concentrations greater than 1%. This product is considered to be "NON-HAZARDOUS" by WHIMS/OSHA criteria and is not listed by IARC, NTP or ACGIH (OSHA 29 CFR 1910.1000 Z-1).

#### Effects of Overexposure

**Skin:** May cause slight irritation or dryness if contact occurs. Excessive or repeated exposure may result in significant skin absorption.

**Eyes:** Avoid eye contact. May cause irritation if contact occurs, including tearing and swelling.

**Inhalation:** Vapor or mist may cause irritation. Prolonged overexposure may cause coughing, dizziness, and shortness of breath.

**Ingestion:** Do not eat. Product may cause nausea and weakness.

### 4. First aid measures

**Skin Contact:** Flush affected area thoroughly with fresh water. Remove all contaminated clothing. Wash clothes before reuse. Call a physician.

**Eye Contact:** Flush eyes thoroughly with plenty of fresh water. Hold lids open while flushing. Call a physician promptly.

**Inhalation:** Remove affected person to fresh air. Call a physician promptly.

**Ingestion:** Drink a quart of water. Induce vomiting. Risk of lung damage exceeds poisoning risk. 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.

### 5. Fire fighting measures

**NFPA hazard rating:** Health: **1** Flammability: **0** Reactivity: **0**

**Flashpoint:** 425° F (PMCC)

**Flammable Limits:** LEL-None Established. UEL-None Established.

**Auto-ignition temperature:** Not applicable

**Extinguishing Media:** For fires use appropriate media such as water spray, dry chemical, or carbon dioxide.

**Unusual Explosion Hazards:** Any proposed use of this product at extreme temperatures is not recommended. This product should be used at normal ambient temperatures. Avoid open flame or other ignition sources.

**Required special protective equipment for firefighters:** Evacuate area of all unprotected personnel. Wear proper safety equipment, including self-contained breathing apparatus. Use water spray to cool heat exposed containers.

### 6. Accidental release measures

**Steps to be taken in case material is spilled or released:** Observe all federal, state, and local regulations. Do not discharge directly into public sewers or waterways. Treat as a non hazardous oil spill. Absorb with clay or diatomaceous earth.

### 7. Handling and storage

**Handling and storage:** Keep from freezing. Keep containers closed until used. Avoid contamination with dirt or other foreign matter. Store in cool and dry area. Keep out of direct sunlight. Do not store near flames or other heat sources. Keep containers tightly closed. Make sure all containers are labeled properly. Read and understand the MSDS before using any chemical product.

### 8. Exposure Controls

**Personal protection equipment** Consult your safety equipment supplier for proper equipment use and care guidelines.

**Respiratory Protection:** Use product in well-ventilated area. Not normally required. A NIOSH approved dust/mist respirator may be used if necessary.

**Eye Protection:** Safety goggles or glasses with a face shield. Do not wear contact lenses.

**Skin Protection:** Rubber gloves and apron are recommended.

**Other Protective Equipment:** Eye wash, safety shower. Normal work apparel.

**Engineering controls:** Good general ventilation should be sufficient to control vapor levels. Additional local ventilation is always recommended.

**Other precautions:** For industrial and commercial use only. Avoid eye and skin contact. Avoid breathing vapors. Do not swallow. Wash thoroughly after handling.

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### 9. Physical and chemical properties

<b>Appearance:</b> Light Green Liquid	<b>Odor:</b> Slight Pine Odor	<b>Boiling Point:</b> over 300°F
<b>Melting point:</b> Not applicable	<b>Flash point:</b> 425° F (PMCC)	<b>Specific Gravity:</b> 0.88-0.98
<b>Finished Product Weight:</b> 7.33-8.17 lbs/gal	<b>Freezing Point:</b> Not applicable	<b>Solubility in Water:</b> Insoluble

### 10. Stability and reactivity

**Stability:** Stable.  
**Conditions to avoid:** Heat & ignition sources.  
**Materials to avoid:** Avoid contact with strong alkalines, strong oxidizers, acids, strong reducers.  
**Hazardous Decomposition Products:** Burning can produce carbon monoxide, carbon dioxide and oxides of sulfur in trace amounts.  
**Hazardous Polymerization:** Will Not Occur  
**Conditions to Avoid:** Excessive heat or flame, or temperatures in excess of 212°F.

### 11. Toxicological information

#### Route(s) of entry

**Skin:** Not Classified as Skin Irritant or a Corrosive Material.      **Eyes:** Not Classified as Eye Irritant.  
**Inhalation:** Exposure via inhalation not likely.      **Ingestion:** No significant adverse effects are expected upon ingestion.

#### Health hazards (acute and chronic)

**Acute:** Eye, skin and respiratory system irritation.  
**Chronic:** May cause dermatitis in some individuals.

**Chemicals listed as carcinogen or potential carcinogen = None**

### 12. Ecological information

**Ecotoxicity:** Not known but it is expected to be low because the material is biodegradable and phosphate free.  
**Environmental Fate:** It is biodegradable.  
**Bioaccumulation:** Not expected to occur (because the material is biodegradable).

### 13. Disposal Considerations

Recycle or dispose in compliance with Federal, State and Local regulations. Do not re-use empty containers. Empty containers must be handled with care due to product residue. Do not dump into sewers, on the ground or into any body of water.  
*Not expected to be a RCRA substance based on application.*

### 14. Transport information

<b>DOT (U. S. Department of Transportation)</b>	Non-Hazardous, Non-Regulated Liquid
<b>Proper Shipping Name:</b>	Non-Regulated, No dangerous cargo
<b>UN/NA ID:</b>	Non-Regulated, No dangerous cargo
<b>Marine Pollutant:</b>	No

### \*15. Regulatory information

**CAS Registry Number:** NA - PROPRIETARY BLEND (PATENT PENDING)  
**TSCA:** If components of this product are listed under the TSCA 12(b) Export Notification Rule, they will be listed.  
**SARA Title 3:** Section 313 Information Reporting (40 CFR 372): **Not listed**  
**SARA-Section 311/312:** No components present in this product are subject to the reporting requirements of this statute.  
**CERCLA Hazardous Substances and their Reportable Quantities:** **Not listed**  
**California Prop. 65:** this product is **not listed** to contain any ingredients listed by the State of California to cause cancer or reproductive toxicity.

### 16. Other Information

The Material Safety Data Sheet relates only to the specific information contained and does not relate to other materials or processes. The data contained is believed to be correct, current, and presented in good faith. However, because the conditions of use are outside our control, it should not be taken as a warranty or representation, expressed or implied, for which Kohler Company or agents acting on Kohler Company's behalf, assumes legal responsibility. This information is provided solely for your consideration, investigation, and verification. Kohler Company disclaims any liability against infringement of any patent through customer use of any Kohler Company product or process in combination with other materials or processes.

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