



Material Safety Data Sheet

Liquid Seal For Waterless Urinals

Revision Date: 6-24-10

Emergency Telephone Number: In case of ingestion,
call Poison Control Center at 1-800-222-1222

1. Company and Product Identification

Company Name and Address: Kohler Company
444 Highland Drive
Kohler, WI 53044

Non-Emergency Phone: 1-800-456-4537 (9:00 am – 5:00 pm CST Monday - Friday)

Contact: Shane Judd

Product name: Liquid Seal for Waterless Urinals

Trade Name: Liquid Seal for Waterless Urinals

Chemical Name and Synonyms: Vegetable oil seal (Patent Pending)

2. Composition

Hazardous Ingredients	Weight Percent	CAS Number	Recommended Limits
Proprietary blend (Patent Pending) of non-hazardous components	100 %	Not available.	None (see Section 4)

3. Physical and Chemical Properties

Appearance: Light green liquid

Specific Gravity: 0.88-0.98

Boiling Point: Over 300°F

Odor: Slight pine odor

Solubility in Water: Insoluble

Melting point: Not applicable

4. Health Hazards

Exposure Limits: This product does not contain any constituents listed by OSHA or ACGIH at 1% or greater and does not contain any carcinogens listed by OSHA, IARC or NTP at 0.1% or greater. This product is considered to be non-hazardous by WHIMS/OSHA criteria.

Routes of entry

Skin: Yes.

Eyes: Yes

Inhalation: Yes.

Ingestion: Possible, but not likely.

Effects of Overexposure

Skin: Acute exposure may cause slight irritation. Chronic exposure may cause dermatitis and may result in skin absorption.

Eyes: May cause irritation, tearing and swelling.

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

Ingestion: May cause nausea and weakness.

5. Exposure Controls

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

Eye Protection: Safety goggles or safety glasses as needed to prevent eye contact. Do not wear contact lenses.

Skin Protection: Oil-resistant gloves and other protective clothing as needed to avoid skin contact.

Other Protective Equipment: Eye wash and safety shower if substantial exposure is possible.

Engineering Controls: Good general ventilation should be sufficient to control possible vapors.

6. First Aid

Skin Contact: Flush affected area thoroughly with fresh water. Remove and wash contaminated clothing. Call physician if irritation persists.

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

Inhalation: Remove affected person to fresh air. Call physician if symptoms persist.

Ingestion: Drink water to dilute. (Never give anything by mouth to an unconscious person.) Do not induce vomiting. Call a physician promptly.

Note to Physician: Treatment of overexposure should be directed at the control of symptoms and the patient's clinical condition.

7. Fire and Explosion Hazards

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: Dry chemical, carbon dioxide, water spray.

Unusual Explosion Hazards: None.

Special Protective Equipment for Firefighters: Wear self-contained breathing apparatus to avoid inhaling decomposition byproducts.

8. Stability and Reactivity

Stability: Stable.

Conditions to Avoid: Excessive heat and ignition sources.

Materials to Avoid: Avoid contact with strong acids, caustics, oxidizers, and reducers.

Hazardous Decomposition Products: Burning can produce carbon monoxide, carbon dioxide and oxides of sulfur in trace amounts.

Hazardous Polymerization: Will not occur.



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9. Handling and Storage

Keep containers tightly closed when not in use. Avoid contamination with dirt or other foreign matter. Store in cool and dry area away from open flames, hot surfaces and other sources of ignition. Keep out of direct sunlight. Make sure containers are labeled properly. Read and understand the MSDS before using this product. Should containers be subjected to excessive heat (e.g., fire), cool them with water spray.

This product should be used at normal ambient temperatures. Any proposed use of this product at extreme temperatures is inappropriate. Do not use near open flame or other ignition sources.

10. Accidental Release and Disposal Measures

Spill Procedures: Treat as a non-hazardous oil spill. If spill is large, contain material and prevent it from reaching storm sewers or public waterways. Absorb with clay or diatomaceous earth.

Disposal Procedures: Recycle or dispose in compliance with federal, state and local regulations. Not expected to be an RCRA-covered substance based on application. Do not re-use empty containers for other purposes. Empty containers must be handled with care due to product residue. Do not dump waste material on the ground, into storm sewers or into public waterways.

11. Ecological Information

Ecotoxicity: Not known but expected to be low because the material is biodegradable and phosphate free.

Environmental Fate: Biodegradable.

Bioaccumulation: Not expected to occur.

12. Transport information

DOT (land): Shipping Name: Non-Regulated

Hazard Classification: N/A

IATA/ICAO (air): Shipping Name: Non-Regulated

Hazard Classification: N/A

IMDG (water): Shipping Name: Non-Regulated

Hazard Classification: N/A

Marine Pollutant: No

13. Other Regulatory Information

CAS Registry Number: Not available - proprietary blend (Patent Pending)

SARA Section 311/312: No component of this product is listed as an extremely hazardous substance.

SARA Section 313: Not listed

CERCLA Hazardous Substances and Reportable Quantities: Not listed

California Proposition 65: The following statement is made in order to comply with the California Safe Drinking Water and Toxic Enforcement Act of 1986. There are no ingredients in this product which are subject to the reporting requirements of California Proposition 65.

TSCA: All components of this product are listed on the Toxic Substance Control Act (TSCA) Section 8(b) Chemical Inventory and the Canadian Environmental Protection Act (CEPA) provisional domestic substances list (DSL). This product does not contain toxic components on the TSCA Section 12(b) export notification list.

14. Disclaimer

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