

1. Manufacturer Name and Product Identification

Manufacturer Name & Address: Elco Laboratories, Inc., 2545 Palmer Ave., University Park, IL 60484 **Phone:** (708) 534-3000
Product name: Kohler Cast Iron Kitchen Sink Cleaner **Product Type:** Household Cleaner
Chemical Name and Synonyms: Not Applicable

2. Composition

Hazardous Ingredients	CAS Number	Weight Percent	OSHA PEL	ACGIH TLV
Diatomaceous Earth (flux calcined)	68855-54-9	4 - 18	(80 mg/m3) / (% SiO ₂)	None Established
Cristobalite	14464-46-1	0 - 12.6	(5 mg/m3) / (% SiO ₂ + 2) *	0.025 mg/m3 *
Quartz	14808-60-7	0 - 0.9	(10 mg/m3) / (% SiO ₂ + 2) *	0.025 mg/m3 *

3. Health Hazards

Overview: This product contains flux-calcined diatomaceous earth. Diatomaceous earth is an amorphous form of silica, though as a result of the flux calcining process, it may include crystalline quartz and cristobalite. Silica mainly poses a health hazard when excessive quantities of airborne particles are inhaled over long periods of time. Its presence in this aqueous suspension should pose no significant health risk under normal and reasonably foreseeable conditions of use.

Routes of entry: **Skin:** Yes **Eyes:** Yes **Inhalation:** No **Ingestion:** Unlikely

Acute: Eye irritant. May cause skin irritation upon prolonged contact. May cause gastrointestinal irritation if swallowed.

Chronic: None known for this product, though excessive exposure to airborne crystalline silica dust can cause silicosis and cancer.

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

Signs and Symptoms of Exposure

Skin: Dryness, itchiness, redness, inflammation.

Eyes: Redness, tearing, swelling.

Inhalation: None known.

Ingestion: Nausea, vomiting.

4. First Aid Measures

Skin Contact: Wash with soap and 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: Not anticipated to be necessary, but if symptoms such as shortness of breath or dizziness occur, remove person to fresh air. Call a physician promptly if symptoms persist.

Ingestion: Drink water or milk but do not induce vomiting. Never give anything by mouth to an unconscious person. Consult a physician.

Note to Physician: Treatment of overexposure should be directed at the control of symptoms and the patient's clinical condition. Contact manufacturer for additional product information if necessary.

5. Fire Fighting Measures

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

Flashpoint: Not Applicable **Lower Explosive Limit:** Not Applicable **Upper Explosive Limit:** Not Applicable

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 thermal decomposition. Wear other chemical protective clothing as needed to prevent skin contact.

6. Accidental Release Measures

Steps to Take if Material is Spilled or Released: Spilled product can be wiped up with absorbent material or rinsed down the drain if spilled in a sink or tub. Do not discard product directly into storm sewers or waterways. Dispose according to federal, state, and local regulations.

7. Handling And Storage

Special Precautions: Store in a cool (preferably 50°F - 80°F) and dry area out of direct sunlight. Keep from freezing. Do not use at temperatures above 140°F. 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.



Material Safety Data Sheet Kohler Cast Iron Kitchen Sink Cleaner

Revision Date: 7/1/11
Emergency Telephone Number: 1-800-688-4005

8. Exposure Controls

Respiratory Protection: Not normally needed when product is used in adequately ventilated areas. A NIOSH approved respirator is recommended for chemically sensitive individuals.

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

Skin Protection: Not normally needed, though chemical protective gloves (e.g., rubber, nitrile) are recommended for sensitive individuals.

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

Chemical Family: Aqueous suspension

pH (undiluted): 8.5 – 9.5

Solubility in Water: Miscible

Appearance: Flowable blue paste

Freezing Point: 32°F

Specific Gravity: 1.08 – 1.14

Odor: Apple scent

Boiling Point: 212°F

Wt. % Volatile: 75 - 80

10. Stability And Reactivity

Stability: Stable.

Hazardous Polymerization: Will not occur.

Materials to Avoid: None known.

Hazardous Decomposition Products: Thermal decomposition can produce carbon monoxide, carbon dioxide, and other carbon byproducts of combustion.

Conditions to Avoid: Freezing, excessive heat, open flame, use above 140°F.

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: Not specifically tested, but ecotoxicity should be low under normal use conditions.

Environmental Fate: Water-soluble ingredients will biodegrade. Silica component is essentially inert.

Bioaccumulation: Not expected to bioaccumulate.

13. Transport Information

U. S. Department of Transportation (DOT): Non-Hazardous, Non-Regulated

Marine Pollutant: No

Proper Shipping Name: Non-Regulated, No Dangerous Cargo

UN/NA ID: 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: The State of California lists crystalline silica (respirable size particles) as known to cause cancer or reproductive toxicity.

Reportable Quantities of CERCLA Hazardous Substances: Not listed.

14. Footnotes and Other Information

* This exposure limit is for the respirable-sized particles.

15. Disclaimer

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

NOTE: Specifications and government regulations may change without notice. This Document should not be regarded as legal advice or regulation. For questions relating to specific aspects of the requirements and regulations, please ask the proper regulatory agency. Always check with your local government or transporter.