

MATERIAL SAFETY DATA SHEET

Comply with OSHA'S Hazard Communication Standard, 29 CFR 1910.1200.

HMIS RATING: HEALTH = 1 FLAMMABILITY = 0 REACTIVITY = 0 PROTECTION = C
NFPA RATING: HEALTH = 1 FLAMMABILITY = 1 REACTIVITY = 0

IDENTITY - As used on Label and List

KOOL KLEAN STAIN & RUST REMOVER # 25133

SECTION I - Contact Information*Manufacturer's Name & Address:*

Weiman Products
755 Tri-State Parkway
Gurnee, IL 60031

Emergency Telephone Numbers:

Contact Your Regional Poison Control Center
 or 1-800-535-5053 (24 Hours)
 For information call 1-847-263-3500

Distributed By:

CareFusion
1500 Waukegan Road
McGaw Park, IL 60085

For Information call 1-800-323-9088

SECTION II - Hazardous Ingredients/Identity Information

Hazardous Components	OSHA PEL	ACGIH TLV	Other Limits Recommended	% (optional)
Specific Chemical Identity; CAS Number				
*Phosphoric Acid, #7664-38-2	1mg/m ³	1mg/m ³	N/D	13.5%

DOT: This product has been tested in accordance with DOT regulations concerning the transportation of hazardous materials and was found to be non-hazardous as it is not corrosive to metal or to skin.

* SARA Title III, Section 313 reportable chemical.

SECTION III - Physical/Chemical Characteristics

Boiling Point: N/A **Specific Gravity (H₂O = 1):** 1.08
Vapor Pressure (mm Hg.): N/D **Melting Point:** N/A
Vapor Density (AIR = 1): N/D **Evaporation Rate (Butyl Acetate = 1):** N/D
Solubility in Water: Miscible **pH:** <1.40
Appearance and Odor: Clear, violet liquid with mild odor.

SECTION IV - Fire and Explosion Hazard Data

Flash Point (Method Used): N/A
Flammable Limits: LEL: N/A UEL: N/A
Extinguishing Media: Water fog, dry chemical, or carbon dioxide.
Special Fire Fighting Procedures: Use full protective clothing and self-contained breathing apparatus. Thermal decomposition emits toxic fumes of oxides of phosphorous.
Unusual Fire and Explosion Hazards: Vapors can be ignited by high intensity source of ignition.

SECTION V - Reactivity Data

Stability: Stable
Incompatibility (Materials to Avoid): Strong bases and reactive metals.
Hazardous Decomposition or Byproducts: Oxides of phosphorus and carbon, hydrogen chloride.
Hazardous Polymerization: Will not occur.

Conditions to Avoid: None

SECTION VI - Health Hazard Data

Route(s) of Entry:

Inhalation: Yes

Skin: Yes

Ingestion: Yes

Health Hazards (Acute and Chronic):

Inhalation: Prolonged exposure may result in lightheadedness and/or irritation to nose and throat.

Eyes: Will cause irritation and burning.

Skin: May cause mild to severe irritation.

Ingestion: Accidental swallowing may result in irritation to mouth and throat, and abdominal discomfort.

Carcinogenicity: NTP: N/A **IARC Monographs:** N/A **OSHA Regulated:** N/A

Signs and Symptoms of Exposure:

Inhalation: Irritation to nose and throat, difficulty breathing and/or lightheadedness.

Eyes: Irritation, redness, excessive tear production, and/or burning sensation.

Skin: Irritation and/or redness.

Ingestion: Burning sensation in mouth and throat and/or abdominal pain.

Medical Conditions Generally Aggravated by Exposure: Preexisting skin and respiratory disorders may be aggravated by exposure to this product.

Emergency and First Aid Procedures:

Inhalation: Remove to fresh air. If person is having difficulty breathing, give oxygen and call a physician immediately.

Eyes: Rinse with water for at least 15 minutes. Seek medical attention immediately.

Skin: Wash with soap and water. If irritation persists, seek medical attention.

Ingestion: Rinse mouth with water. Dilute by drinking 1 or 2 glasses of water. Do not induce vomiting. Call a physician immediately. Never give anything to an unconscious person.

SECTION VII - Precautions for Safe Handling and Use

Steps to Be Taken in Case Material is Released or Spilled: Dike and neutralize with lime or soda ash.

Waste Disposal Method: Dispose of in accordance with all applicable local, state, and federal regulations.

Precautions to Be Taken in Handling and Storing: Store in a cool, dry, well ventilated area.

Other Precautions: Keep out of reach of children. Follow instructions for product use.

SECTION VIII - Control Measures

Respiratory Protection (Specific Type): None

Ventilation: Local Exhaust: Yes

Special: None

Mechanical (General): Yes

Other: None

Protective Gloves: Neoprene.

Eye Protection: Splash goggles.

Other Protective Clothing or Equipment: Rubber apron.

Work/Hygienic Practices: Keep away from skin and clothing. **Note:** N/A or N/D as an information entry means the data is not applicable or determined, respectively.

V. Mueller® Kool Kleen Stain and Rust Remover

Instructions for use: Wear gloves and eye protection.

Stain Removal Soak: Dilute solution 1:1 with cool water. Wash open instruments and soak for five to 15 minutes. Heavy rust and residue may require light brushing. When cleaning tungsten carbide, soak for ten minutes only. Remove instruments from soak and rinse thoroughly with water. Change daily or more often as needed. Lubricate and sterilize instruments between cleaning.

Ultrasonic Cleaning: Dilute one part solution to seven parts water and follow ultrasonic manufacturer guidelines for cleaning.

Washer Sterilizers: Dilute 1 to 3 ounces per gallon of water and follow manufacturer guidelines for cleaning.

Autoclaves: Dilute one part solution to one part water. Apply solution to chamber walls and allow to remain for ten to 15 minutes. Wipe off and rinse with water.

Caution: Contains Water #7732-18-5, Surfactant and Phosphoric Acid #7664-38-2. Avoid contact with eyes and skin. In case of contact, flush with water. If irritation persists, contact a physician. For professional use only. Keep out of reach of children.

HMIS Rating: H-1 F-0 R-0 PPE-B. See MSDS for additional information.

Made in U.S.A.

Distributed By

CareFusion

1500 Waukegan Road

McGaw Park, IL 60085 USA

