

MATERIAL SAFETY DATA SHEET

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

PRODUCT CODE: AWH2.5C

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HMIS RATING: HEALTH = 2 FLAMMABILITY = 0 REACTIVITY = 0 PROTECTION = B
NFPA RATING: HEALTH = 2 FLAMMABILITY = 0 REACTIVITY = 0

IDENTITY - As used on Label and List

ALKALINE DETERGENT SUPER CONCENTRATE

SECTION I - Contact Information

Manufacturer's Name & Address:

Burnishine Products
755 Tri-State Parkway
Gurnee, Illinois 60031

Emergency Telephone Numbers:

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

SECTION II - Hazardous Ingredients/Identity Information

Hazardous Components	OSHA PEL	ACGIH TLV	Other Limits Recommended	% (optional)
Specific Chemical Identity; CAS Number				
Potassium Hydroxide, #1310-58-3	2mg/cu. m	2 mg/cu. m	Oral LD50=365mg/kg	--
Potassium Silicate, #1312-76-1	N/A	5mg/cu m	--	--

DOT: Compounds, cleaning liquid (Potassium Hydroxide, Potassium Silicate) 8, NA1760, PGIII

All ingredients in this product are on the TSCA list.

This product does not contain any amount of any chemical required to be reported under SARA 313.

SECTION III - Physical/Chemical Characteristics

Boiling Point: 203⁰F **Specific Gravity (H₂O = 1):** 1.20
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: Complete **pH:** >13.6
Appearance: Clear amber liquid. **Odor:** Detergent.

SECTION IV - Fire and Explosion Hazard Data

Flash Point (Method Used): N/A
Flammable Limits: LEL: N/A UEL: N/A
Extinguishing Media: Foam, carbon dioxide, or dry chemical.
Special Fire Fighting Procedures: Firefighters should use self-contained breathing apparatus.
Unusual Fire and Explosion Hazards: None.

SECTION V - Reactivity Data

Stability: Stable
Incompatibility (Materials to Avoid): Strong acids, prolonged contact with reactive metals.
Hazardous Decomposition or By-products: May include and are not limited to hydrogen gas and oxides of carbon.
Hazardous Polymerization: Will not occur.
Conditions to Avoid: Contact with acids or oxidizers.

SECTION VI - Health Hazard Data

Route(s) of Entry:

Inhalation: Yes **Skin:** Yes **Ingestion:** Yes

Health Hazards (Acute and Chronic):

Inhalation: None expected under normal use conditions.

Eyes: Contact can cause severe irritation or burns.

Skin: Prolonged or repeated contact will cause irritation, burning, and redness.

Ingestion: Will cause severe irritation or burns to mouth, stomach, and digestive tract.

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

Signs and Symptoms of Exposure:

Inhalation: None expected under normal use conditions.

Eyes: Burning, redness, excessive tear production, and severe irritation.

Skin: Irritation, itching, burning, and/or redness.

Ingestion: Burning or irritation to mouth and throat, stomach pain.

Medical Conditions Generally Aggravated by Exposure: Preexisting skin disorders may be aggravated by prolonged 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 water. If irritation persists, seek medical attention.

Ingestion: Do not induce vomiting. Drink a large quantity of water. (If available, give milk.) 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:

Small spills: Rinse contaminated area with copious amounts of water.

Large spills: Contain large spills with dikes and transfer the material to appropriate containers for disposal. Neutralize before disposal. Flush spill area with water.

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 place.

Other Precautions: Wash thoroughly after handling. Keep out of reach of children.

SECTION VIII - Control Measures

Respiratory Protection (Specific Type): None.

Ventilation: General ventilation normally adequate.

Protective Gloves: Rubber, latex, or neoprene. **Eye Protection:** Safety glasses.

Other Protective Clothing or Equipment: Rubber apron recommended.

Work/Hygienic Practices: Read and follow label instructions.

Note: N/A or N/D as an information entry means the data is not applicable or determined, respectively.