

MSDS Material Safety Data Sheet

Super Wash

Section 1, Products and Company Identification

Manufacturer:

Superior Service Company, INC.

840 East Murdock

Wichita, Ks 67214

Emergency Phone: (316) 264-2523

E-Mail: acct@superiorhotsy.com

Product Name: Super Wash

Section 2, Hazard(s) identification

Inhalation: Vapor and mists are extremely corrosive to the nose, mouth, mucous membranes and throat.

Eye and Skin Contact: Corrosive and will cause burns. Vapors will irritate eyes and skin.

Swallowed: Burns tissues and may cause death.

Chronic: Prolonged chronic effects of exposure are skin irritation and susceptibility too respiratory illness.

Signs and symptoms of overexposure: None Known

Medical conditions aggravated by overexposures: None Known

Carcinogen or suspect Carcinogen: none

Health -1 Reactivity-1

Fire -0 Specific –ALK

Section 3, Composition/information on ingredients

Hazardous Components	OSHA PEL	ACGHI TLV	Other limits % Recommended
Potassium Hydroxide	N.A.	N.A.	NONE
Sodium Hydroxide	N.A.	N.A.	NONE

Solubility in water: Complete

Appearance and odor: red liquid, mild odor

PH: In concentration form- 14%

PH: At 100 to 1- 9%

Section 4, First-aid measures

Eyes: In case of contact with eyes, flush with water for 20-30 minutes. Consult a physician immediately.

Skin: If irritation to the skin, flush affected area with water for 20-30 minutes. If irritation persists, consult a physician immediately.

Ingestion: If person is fully conscious, give two glasses of water. DO NOT INDUCE VOMITING. Obtain medical attention.

Inhalation: If overcome by exposure, remove victim to fresh air. Give Oxygen or artificial respiration if needed. Seek medical attention immediately.

Section 5, Fire-fighting measures

Flash Point (T.C.C.): None

Flammable limits: None

Unusual fire and explosion hazards: N.A.

Section 6, Accidental release measures

Response team must use protective clothing to prevent body contact. Keep all unnecessary personnel away. Spill area maybe slippery. Pick up excess with inert absorbent material and place into separate waste container.

Ventilate area and wash spill site after material pickup is complete, allow floor to dry before allowing traffic. Consult an expert on disposal of recovered material and ensure conformity to local disposal regulations.

Section 7, Handling and storage

Handling Precautions: Store out of reach of children; keep container closed; store in a cool well-ventilated place away from incompatible materials.

Do not get in eyes, on skin, or on clothing. Do not breathe vapor. Keep container closed. Promptly clean up spills. Wash thoroughly after handling.

Shipping Procedures: Store in tightly closed containers away from incompatible materials.

Section 8, Exposure controls/personal protection

Protective Equipment: HMIS PP, B | Safety glasses, Gloves

Exposure Guidelines/Other: No OSHA PEL established for listed chemicals.

Engineering Controls: Normal room ventilation is satisfactory for limited use.

Section 9, Physical and chemical properties

Solubility in water: Soluble

Appearance and odor: red liquid, mild odor

PH: In concentration form- 14%

PH: At 100 to 1- 9%

Boiling point: N/D

Freezing/Melting Point: N/D

Section 10, Stability and reactivity

Stability: Product is stable under normal conditions.

Conditions to avoid: None Known

Section 11, Toxicological information

Toxicity Data:

Sodium Hydroxide 1310-73-2

Oral (LD 50): Not listed on RTECS

Intraperitoneal Injection 40 mg/kg - Mouse

Inhalation (LC 50): Not listed on RTECS

Skin irritation: Mild

Eye irritation: Severe

Sensitization: Not considered an occupational sensitizer

Potassium hydroxide:

Routes of Entry: Absorbed through skin. Inhalation. Ingestion. **Toxicity to Animals:**

Acute oral toxicity (LD50): 273 mg/kg [Rat]. **Chronic Effects on Humans:**

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MUTAGENIC EFFECTS: Mutagenic for mammalian somatic cells. May cause damage to the following organs: upper respiratory tract, skin, eyes.

Other Toxic Effects on Humans:

Extremely hazardous in case of inhalation (lung corrosive). Very hazardous in case of skin contact (corrosive, irritant), of eye contact (corrosive), of ingestion.

Section 12, Ecological information

Refer to Section 6 for information regarding accidental releases and Section 15 for regulatory reporting information.

Section 13, Disposal considerations

Dispose of in accordance with local regulations.

Section 14, Transport information

Caustic alkali liquids: (Sodium hydroxide)

Section 15, Regulatory information

Sodium hydroxide: (3-6%) CERCLA, CSWHS, MASS, OSHAWAC, PA, TSCA, TXAIR

Potassium hydroxide: (-) TSCA 8(b) inventory: Potassium hydroxide
CERCLA:

Section 16, Other information

Date of Revision: 4/12/16