

# Material Safety Data Sheet

Product Name: Super Clean 100

## Section 1, Products and Company Identification

**Manufacturer:** Superior Service Company, INC.      Emergency Phone: (316) 264-2523  
840 East Murdock, Wichita, Ks 67214                      E-Mail: acct@superiorhotsy.com

## 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 11.5%

## 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

## 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 1-11.5% 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 Sensation: Not an occupational sensitizer

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

**Animals:** oral toxicity (LD50): 273 mg/kg [Rat]. **Chronic Effects on Humans 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: (1-3%) TSCA 8(b) inventory: Potassium hydroxide CERCLA:

**Section 16, Other information**

**Date of Revision: 4/12/16**