

**SECTION 1 – PRODUCT IDENTIFICATION**

**Product Name:** SALSHA Kleen Liquid Detergent  
**Recommended Use:** Disinfectant.  
**Restrictions for Use:** Use only as directed.  
**Manufactured for:** SALSHA INDUSTRIES  
 P. O Addha Village Chhabil Pur  
 Daska Road Sialkot, 51310, Pakistan

**Emergency 24-Hour Phone Number** Chemtrec: +92-305 55 715 55

**SECTION 2 – HAZARD(S) IDENTIFICATION**

**Classification**

Hazard Class	Category
Acute Toxicity (inhalation)	3
Skin Irritation	2
Serious Eye Damage	1
Respiratory Sensitization	1
Skin Sensitization	1
Specific Target Organ Toxicity - Single Exposure	3



**WARNING**

Health	1
Flammability	0
Reactivity	0
PPE	B

**Hazard:** Causes eye irritation. Causes mild skin irritation.

**Precaution:** Keep out of reach of children. Read label before use. Do not get in eyes, on skin, or on clothing. Wash hands thoroughly after handling.

**Response:** IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing for 15 minutes. Get medical advice/attention.  
 IF ON SKIN: Wash any sensitive areas. If skin irritation occurs, get medical advice/attention.  
 IF SWALLOWED: Rinse mouth. Do NOT induce vomiting. Get immediate medical advice/attention.  
 IF INHALED: Remove victim to fresh air and keep at rest in a position comfortable for breathing. If experiencing respiratory symptoms: Get medical advice/attention.  
 Medical and Transportation Emergencies contact Chemtrec 800.424.9300

**Storage and Disposal:** N/A

**Potential Health Effects (Acute and Chronic):** Dispose of contents/container in accordance to local, state and federal regulations.

**SECTION 3 – COMPOSITION/INFORMATION ON INGREDIENTS**

Chemical Name	CAS#	% by wt
Glutaraldehyde	111-30-8	3

The exact percentage (concentration) of composition has been withheld as a trade secret in accordance with paragraph (i) of §1910.1200.

**SECTION 4 – FIRST AID MEASURES**

<b>In Case of Inhalation:</b>	If breathing is difficult, remove to fresh air and keep at rest in a position comfortable for breathing. If experiencing respiratory symptoms: Get medical advice/attention.
<b>In Case of Skin Contact:</b>	Wash thoroughly with fresh, tepid water for 15 minutes. Discard contaminated clothing and footwear or wash before reuse. If skin irritation occurs: Get medical advice/attention.
<b>In Case of Eye Contact:</b>	Immediately flush eyes with large amounts of fresh, tepid water for at least 15 minutes. Hold eyelids open to ensure complete irrigation of eye and lid tissues. Tilt head to the side and irrigate the eye from the bridge of the nose to the outside of the face. Keep run-off from entering the other eye, mouth or ear. Washing eye within the first few seconds is essential to achieve maximum effectiveness. Remove contact lenses, if present and easy to do. Continue rinsing. If eye irritation persists, get medical advice/attention.
<b>In Case of Ingestion:</b>	Do not induce vomiting. Rinse mouth with fresh, tepid water, then immediately drink 4-8 oz. of milk or water. Never give anything by mouth to an unconscious person. If vomiting occurs, keep airways open. Keep head lower than hips to prevent aspiration into the lungs. Get medical advice/attention.

**SECTION 5 – FIRE FIGHTING MEASURES**

<b>Flash Pt:</b>	No data.
<b>Explosive Limits:</b>	LEL: No data. UEL: No data
<b>Auto Ignition Pt:</b>	No data.
<b>Suitable Extinguishing Media:</b>	Dry chemical, CO <sub>2</sub> , sand, earth, water spray or regular foam.
<b>Fire Fighting Instructions:</b>	As in any fire, wear a self-contained breathing apparatus in pressure-demand, MSHA/NIOSH (approved or equivalent), and full protective gear.
<b>Flammable Properties and Hazards:</b>	No data available.

**SECTION 6 – ACCIDENTAL RELEASE MEASURES**

<b>Protective Precautions, Protective Equipment and Emergency Procedures:</b>	Rubber or neoprene gloves, safety glasses. Wear chemical protective clothing. Do not get in eyes, on skin or on clothing. Wash hands thoroughly after handling. Provide mechanical ventilation to disperse or ventilate the area with fresh air.
<b>Steps to Be Taken in Case Material is Released or Spilled:</b>	Absorb spill with inert material (e.g. dry sand or earth), and dispose of in accordance with applicable regulations.

**SECTION 7 – HANDLING & STORAGE**

<b>Precautions to Be Taken in Handling:</b>	For industrial or institutional use only. Avoid contact with eyes and prolonged or repeated skin contact.
<b>Precautions to Be Taken in Storing:</b>	Keep container closed when not in use. Keep from freezing. Store away from incompatible material.

**SECTION 8 – EXPOSURE CONTROLS/PERSONAL PROTECTION****Control Parameters****Exposure guidelines:**

Chemical Name	ACGH TLV	OSHA PEL	NIOSH IDLH
Glutaraldehyde (111-30-8)	0.05 ppm (activated and inactivated)	Not available	Not Available

**Respiratory Equipment:** A respirator is not needed under normal and intended conditions of product use.

**Eye Protection:** Safety Glasses

**Protective Gloves:** Rubber or neoprene gloves.

**Other Protective Clothing:** Wear chemical protective clothing.

**Engineering Controls (Ventilation etc.):** Handle in accordance with good industrial hygiene and safety practice in a well ventilated area. Wash hands before breaks and at the end of the workday.

**SECTION 9 – PHYSICAL & CHEMICAL PROPERTIES**

**Physical State:** Liquid

**Appearance and Odor:** Appearance: Clear Yellow Liquid  
Odor: Pleasant Mint Odor

**pH:** 6.0 – 7.0 @ 1%

**Melting Point:** Not Determined

**Boiling Point:** Not Determined

**Flash Point:** Not Determined

**Evaporation Rate:** Not Determined

**Flammability (solid, gas):** Not Determined

**Explosive Limits:** LEL: No data. UEL: No data.

**Vapor Pressure (vs. Air or Mm Hg):** Not Determined

**Vapor Density (vs. Air=1):** Not Determined

**Specific Gravity (Water=1):** 1.050 – 1.060

**Solubility in water:** 100

**Percent Volatile:** Not Determined

**Auto ignition Point:** Not Determined

**Viscosity:** <100cps.

**SECTION 10 – STABILITY & REACTIVITY**

**Stability:** Product is stable.

**Conditions to Avoid:** Avoid handling conditions which may allow for leaks and spills of this material. Do not permit personnel to handle this product without proper training and/or protective equipment.

**Incompatible-Materials to Avoid:** Do not mix with bleach, strong acids, bases or other

**Hazardous Decomposition Products:** No Data Available

**Hazardous Reactions:** Will not occur

**SECTION 11 – TOXICOLOGICAL INFORMATION**

<b>Toxicity Information:</b>	Inhalation, Eye contact, Skin Contact, Ingestion		
<b>Irritation or Corrosion:</b>	Eyes: Causes serious eye irritation. May cause skin irritation. Ingestion: No known effects. Inhalation: No known effects.		
<b>Symptoms Related to Toxicological Characteristics:</b>	Eyes: Redness, pain, irritation. Skin: Redness, pain, irritation Ingestion: No symptoms known. Inhalation: No symptoms known.		
<b>Chronic Toxicological Effects:</b>	No known chronic toxicological effects.		
<b>Carcinogenicity:</b>	NTP? No	IARC Monographs? No	OSHA Regulated? No

**Numerical Measures of Toxicity:****Product**

ATE (oral)	>2000 mg/kg, rat
ATE (dermal)	>2000 mg/kg, rabbit
ATE (inhalation)	>2.0 but ≤10.0 mg/l, rat

**Component Information**

Chemical Name	Oral LD50	Dermal LD50	Inhalation LC50
Glutaraldehyde (111-30-8)	252 mg/kg (rat)	>2000 mg/kg (rabbit)	0.224 mg/l/4h (rat)

**SECTION 12 – ECOLOGICAL INFORMATION**

This product has no known ecotoxicological effects.

**SECTION 13 – DISPOSAL CONSIDERATIONS**

Dispose of contents/container in accordance to local, state and federal regulations.

**SECTION 14 – TRANSPORT INFORMATION****Land Transport (US.DOT):**

**DOT Proper Shipping Name:** Compound Cleaner, Not Regulated

**DOT Hazard Class:**

**UN/NA Number:**

**Air Transport (ICAO/IATA):**

**ICAO/IATA Shipping Name:** Not Regulated

**SECTION 15 – REGULATORY INFORMATION**

All ingredients in this product are listed or are excluded from listing on the US Toxic Substances ACT (TSCA) Chemical Substance Inventory.

California Proposition 65 WARNING. This product contains the following chemical(s) known to the state of California to cause cancer: b-Myrcene

**SECTION 16 – OTHER INFORMATION**

**Revisions Date:** 11-14-2016

The information provided in this Safety Data Sheet is correct to the best of our knowledge, information, and belief at the date of its publication. The information given is designed only as guidance for safe handling, use, processing, storage, transportation, disposal, and release and is not to be considered a warranty or quality specification. The information relates only to the specific material designed and may not be valid for such material used in combination with any other materials or in any process, unless specified in the text.

**End of Safety Data Sheet**