

SAFETY DATA SHEETS

This SDS packet was issued with item:

078828123

N/A

SECTION 4 - REACTIVITY HAZARD DATA

STABILITY

- Stable
 Unstable

Conditions
To Avoid

N/A

Incompatibility
(Materials to Avoid)

Do not mix with acidic products.

Hazardous
Decomposition Products

None

HAZARDOUS POLYMERIZATION

- May Occur
 Will Not Occur

Conditions
To Avoid

N/A

SECTION 5 - HEALTH HAZARD DATA

PRIMARY ROUTES OF ENTRY

- Inhalation
 Skin Absorption

- Eyes
 Ingestion

CARCINOGEN LISTED IN

- None NTP OSHA
 IARC Monograph Not Listed

HEALTH HAZARDS

Acute

Burns skin, eye (possible permanent corneal damage), mucous membranes of the respiratory tract, mouth, throat, esophagus and stomach.

Chronic

Local effect may consist of multiple areas of superficial destruction of the skin or of primary irritant dermatitis.

Signs and Symptoms
of Exposure

Burning eyes, redness of skin.

Medical Conditions

Generally Aggravated by Exposure Sensitive skin

EMERGENCY FIRST AID PROCEDURES -

Eye Contact

Immediately Flush eyes with large amounts of water for at least 15 minutes holding lids apart to ensure flushing of the entire surface.

Washing eyes within one minute is essential to achieve maximum effectiveness. Seek medical attention immediately.

Skin Contact

Wash with plenty of water for fifteen minutes. Remove contaminated clothing and wash before reuse. Footwear should be decontaminated

before reuse. Seek medical attention if symptoms are present.

Inhalation

N/A

Ingestion

Never give anything by mouth to an unconscious person. If swallowed, do not induce vomiting. Give large quantities of water. If available, give several glasses of milk. If vomiting occurs spontaneously, keep airway clear. Seek medical attention immediately.

SECTION 6 - CONTROL AND PROTECTIVE MEASURES

Respiratory Protection
(Specify Type)

Where required use only NIOSH/MSHA approved respirator following manufactures recommendation where or spray of concentrate may be generated.

Protective Gloves

Gloves coated with rubber, synthetic elastomers, PVC, or other impervious material should be worn.

Eye Protection

Chemical splash goggles and face shield should be worn when working with this product.

VENTILATION TO BE USED

- Local Exhaust Mechanical (general) Special
 Other (specify)

Other Protective
Clothing and Equipment

Standard work clothes should be worn. Wash soiled clothing in soap and water and dry before reuse. Eyewash facilities should be accessible.

Hygienic Work
Practices

N/A

SECTION 7 - PRECAUTIONS FOR SAFE HANDLING AND USE/LEAK PROCEDURES

Steps to be Taken If Material
Is Spilled Or Released

Using appropriate protection (impervious gloves, coveralls, boots, goggles, etc.) contain spill.

Remove as much as possible and reuse if possible. Neutralize remaining traces with dilute mineral acids to a pH of 6-8.

Waste Disposal
Methods

Due to widespread variance in disposal regulations, consult federal, state, and local regulatory agencies for proper disposal of this product.

Precautions to be Taken
in Handling and Storage

Good industrial hygiene practices should be adhered to when handling and storing this product.

Avoid contact with undiluted product.

Other Precautions and/or Special Hazards

N/A

NFPA **N/A**
Rating* Health ___ Flammability ___ Reactivity ___ Special ___

HMS 4-Severe; 3-Serious; 2-Moderate; 1-Slight; 0-Minimum
Rating* Health 1 Flammability 0 Reactivity 0 Personal Protection N/A

Optional*

SECTION 1 – PRODUCT IDENTIFICATION

Product Name: Sklar Kleen Liquid Detergent
Recommended Use: Disinfectant.
Restrictions for Use: Use only as directed.
Manufactured for: Sklar Instruments
 889 South Matlack Street
 West Chester, PA USA 19382
 800.221.2166
Emergency 24-Hour Phone Number Chemtrec: 800.424.9300

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

In Case of Inhalation:	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.
In Case of Skin Contact:	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.
In Case of Eye Contact:	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.
In Case of Ingestion:	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

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

SECTION 6 – ACCIDENTAL RELEASE MEASURES

Protective Precautions, Protective Equipment and Emergency Procedures:	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.
Steps to Be Taken in Case Material is Released or Spilled:	Absorb spill with inert material (e.g. dry sand or earth), and dispose of in accordance with applicable regulations.

SECTION 7 – HANDLING & STORAGE

Precautions to Be Taken in Handling:	For industrial or institutional use only. Avoid contact with eyes and prolonged or repeated skin contact.
Precautions to Be Taken in Storing:	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

Toxicity Information:	Inhalation, Eye contact, Skin Contact, Ingestion		
Irritation or Corrosion:	Eyes: Causes serious eye irritation. May cause skin irritation. Ingestion: No known effects. Inhalation: No known effects.		
Symptoms Related to Toxicological Characteristics:	Eyes: Redness, pain, irritation. Skin: Redness, pain, irritation Ingestion: No symptoms known. Inhalation: No symptoms known.		
Chronic Toxicological Effects:	No known chronic toxicological effects.		
Carcinogenicity:	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