



SAFETY DATA SHEET

1. Identification of the Substance / Preparation and Company

LabKlenz™ 120

Product No. 1L12

MSDS No. 1L12

Use: Hard Surface Cleaner

Prepared by: M. Ebers

asksteris_mds@steris.com

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NFPA 704 HAZARD RATING:

HEALTH: 1
FIRE: 0
REACTIVITY: 0

STERIS Corporation, P. O. Box 147, St. Louis, MO 63166, US
Emergency Telephone No. 1-314-535-1395 (STERIS); 1-800-424-9300 (CHEMTREC)
Telephone Number for Information: 1-800-548-4873 (Customer Service-Healthcare Products)

2. Hazards Identification

May cause eye irritation.

3. Composition/Information on Ingredients

Hazardous Component(s)	% By Wt.	CAS No.	Oral LD ₅₀	LC ₅₀
Sodium hydroxide	1 - 5	1310-73-2	273 mg/kg	ND

4. First Aid Measures

Eye Contact: Flush eyes immediately with water for at least 15 minutes. Get medical attention if irritation develops.

Skin Contact: Flush skin immediately with plenty of water for at least 15 minutes. Get medical attention if irritation develops.

Inhalation: Remove patient to fresh air. If not breathing, give artificial respiration. Get medical attention.

Ingestion: Do not induce vomiting. Get medical attention. Do not give anything by mouth to an unconscious person. If conscious, drink large quantity of milk or water.

5. Fire-Fighting Measures

Conditions of Flammability/Flash Point/Auto-ignition Temperature: Product is not flammable.

Upper Flammable Limit: NA **Lower Flammable Limit:** NA

Special Hazards: None known.

Explosibility Data: ND

Extinguishing Media: Use media appropriate for surrounding fire.

Special Fire Fighting Procedures: As with any chemical fire, take special precautions. Firefighters should use a self-contained breathing apparatus.

Hazard Combustion Products: ND

6. Accidental Release Measures

Contain spill. Absorb on absorbent material and place in a D.O.T. approved container for disposal. Flush spill site with large quantities of water to a sanitary sewer if in accordance with National and local regulations.

7. Handling and Storage

7.1 Handling

Do not get in eyes; avoid prolonged contact with skin.

7.2 Storage

Keep out of reach of children.

8. Exposure Control/Personal Protection

8.1 Occupational Exposure Limits

Sodium Hydroxide: ACGIH TLV and OSHA PEL: 2 mg/m³ ceiling

8.2 Personal Protection

Respirator Protection: Not normally required.

Eye Protection: Not required.

Protective Gloves: Rubber.

Other Protective Clothing and Equipment: NA

Engineering Controls/Ventilation: General local exhaust ventilation as necessary to control any release to the environment in excess of the specified threshold limits.

9. Physical and Chemical Properties

Solubility in Water: Complete

Specific Gravity: Approximately 1.09

Physical State/Appearance/Odor: Clear blue liquid/Slight detergent odor.

pH: Approximately 9.2 – 9.8

Odor Threshold, Vapor Pressure, Vapor Density, Evaporation Rate, Boiling Point and Freezing Point:

Not Available; **Coefficient of Water/Oil Distribution:** Not Applicable

10. Stability and Reactivity

Stability: Stable

Hazardous Polymerization: Will not occur.

Incompatible Materials: Strong acids, oxidizers.

Conditions to Avoid/Conditions of Reactivity: None known.

Hazardous Decomposition or Byproducts: Unknown.

11. Toxicological Information

11.1 Acute (Primary Routes of Exposure)

Eyes (Irritancy): May cause eye irritation.

Skin (Irritancy or Sensitization): May cause transient skin irritation with prolonged contact.

Inhalation: Mists may be irritating to mucous membranes, upper respiratory tract.

Ingestion: Will irritate mouth, throat and upset gastrointestinal tract.

11.2 Long Term Exposure

Carcinogenicity: IARC, NTP and OSHA do not list this product or its ingredients as carcinogens.

Reproductive Toxicity/Teratogenicity/Mutagenicity/Toxicologically Synergistic Products: ND

12. Ecological Information

None available

13. Disposal Considerations

Product may be flushed to a sanitary sewer with copious amounts of water, if in accordance with state, local and federal regulations. For additional guidance, contact the State Water Board or the Regional Office of the EPA.

14. Transport Information

Ground: Non-hazardous

Sea: IMDG Class: Non-hazardous

Air: ICAO/IATA Class: Non-hazardous

15. Regulatory Information

WHMIS Classification: D2 – Materials Causing Other Toxic Effects (Irritant)

This product has been classified in accordance with the hazard criteria of the Controlled Products Regulations and the MSDS contains all of the information required by the Controlled Products Regulation.

16. Other Information

The information on this sheet is not a specification and does not guarantee specific properties. The information is intended to provide general knowledge as to health and safety based upon our knowledge of the handling, storage and use of the product. It is not applicable to unusual or non-standard uses of the product or where instruction or recommendations are not followed.

NA - Not Applicable

ND - No Data