



SAFETY DATA SHEET

1. Identification of the Substance and Company

Criti-Klenz®

(Registered Trademark in US)

Instrument Detergent

Product No. 1479

MSDS No. 1479

NFPA 704 Hazard Rating

Health: 1
Fire: 0
Reactivity: 0

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Date Created: December 1, 2001

Date Revised: June 15, 2011 **Dave Reviewed:** NA

STERIS Corporation, P. O. Box 147, St. Louis, MO 63166, US
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Telephone Number for Information: 1-800-548-4873 (Customer Service-Healthcare Products)

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Product/Technical Information Phone No: +44 (0) 116 276 8636

2. Hazards Identification: Eye irritant

3. Composition/Information on Ingredients

Hazardous Component(s)	% By Wt.	CAS No.	EU No.	Symbol	R Phrases
Tetrasodium ethylenediaminetetraacetate	20	64-02-8	200-563-9	[Xi]	[36]

4. First Aid Measures

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

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

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

5. Fire-Fighting Measures

Flash Point/Auto-ignition Temperature: ND **Method:** NA

Flammable Limits: % Volume in Air: NA

Flammability Classification: NA

Special Hazards: None

Extinguishing Media: Product is not flammable. Use media suitable for surrounding fire.

Special Fire Fighting Procedures: Normal precautions for fighting chemical fires should be observed.

Hazardous Combustion Products: Carbon monoxide, carbon dioxide, and nitrogen oxides

6. Accidental Release Measures

Spills may be picked up with a mop and followed by a water rinse. Small spills may be flushed to a sanitary sewer with copious amounts of water.

7. Handling and Storage

7.1 Handling: For industrial use only. Read the label before use. Avoid eye and skin contact.

7.2 Storage: Keep out of reach of children.

8. Exposure Control/Personal Protection

8.1 Occupational Exposure Limits: No chemical is present which requires statutory control.

8.2 Personal Protection

Respirator Protection: Not normally required. **Eye Protection:** Safety glasses or goggles.

Protective Gloves: Rubber **Other Protective Clothing and Equipment:** N/A

Ventilation: Normal Room Ventilation. Local exhaust may be necessary under some handling/use conditions.

9. Physical and Chemical Properties

Solubility in Water: Complete

Specific Gravity: approximately 1.14 g/ml @ 25°C

Appearance/Odor: Orange, clear liquid, mild chemical odor

pH (1% w/w soln.): Approximately 10.9 – 11.6

10. Stability and Reactivity

Stability: Stable

Hazardous Polymerization: Will not occur

Incompatible Materials: Strong acids, oxidizing agents and soft metals such as aluminum.

Conditions to Avoid: None known

Hazardous Decomposition or Byproducts: Contact with aluminum may produce hydrogen gas.

11. Toxicological Information

11.1 Acute (Primary Routes of Exposure)

Eyes: Irritating to eyes.

Skin: Not considered a primary skin irritant.

Ingestion: Will irritate mouth, throat and gastrointestinal tract.

11.2 Long Term Exposure: None known.

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

12. Ecological Information: The surfactant(s) contained in this preparation complies (comply) with the biodegradability criteria as laid down in Regulation (EC) No. 648/2004 on detergents. Data to support this assertion are held at the disposal of the competent authorities of the Member States and will be made available to them, at their direct request or at the request of a detergent manufacturer.

13. Disposal Considerations: Dispose in accordance with local, state, and Federal regulations. Empty containers should be rinsed and discarded in a waste container or offered for recycling if possible. Do not use empty containers for other purposes.

14. Transport Information

Shipping Name: Non-hazardous

Hazard Class: NA

This product is not considered dangerous for carriage as defined in the UK Carriage of Dangerous Goods (Classification, Packaging and Labelling) and Use of Transportable Pressure Receptacles Regulations. These regulations implement the classification, packaging and labelling aspects of the ADR framework Directive (94/55/EEC) and the forthcoming RID Framework Directive.

Sea: IMDG Class: Non-hazardous

Air: ICAO/IATA Class: Non-hazardous

15. Regulatory Information: This preparation is classified as dangerous as defined by the UK Chemicals (Hazard Information and Packaging for Supply) Regulations. These regulations implement a number of EC Directives including the Dangerous Substances Directive (67/548/EEC and amendments), the Dangerous Preparations Directive (1999/45/EEC and amendments) and the Safety Data Sheets Directive (91/155/EEC and amendment).

EEC Classification: IRRITANT

Hazard Symbol: Xi

Risk Phrases: R36: Irritating to eyes.

Safety Phrases: S26: In case of contact with eyes, rinse immediately with plenty of water and seek medical advice.

S36: Wear suitable eye/face protection.

S2: Keep out of reach of children

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 instructions or recommendations are not followed.

NA = Not Applicable

ND = No Data