



## SAFETY DATA SHEET

### 1. Identification of the Substance and Company

#### C-A Klenz

Instrument Detergent - Neutralizer

**Product No. 1299**

**MSDS No. 1299**

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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)

#### NFPA 704 HAZARD RATING:

HEALTH: 1  
FIRE: 0  
REACTIVITY: 0

### 2. Hazards Identification

Irritating to eyes and skin.

### 3. Composition/Information on Ingredients

Hazardous Component(s)	% By Wt.	CAS No.	EU No.	Symbol	R Phrases
Citric Acid	<25	77-92-9	NA	NA	NA

### 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.

**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

**Flash Point:** Not flammable.

**Special Hazards:** None known.

**Special Fire Fighting Procedures:** None known.

**Extinguishing Media:** Use media appropriate for the primary source of fire.

### 6. Accidental Release Measures

Ensure suitable personal protection during removal of spillages. Spills should be contained and may be cautiously neutralized with sodium bicarbonate, or absorbed on appropriate material and placed in a container for disposal.

Wash contaminated areas with large quantities of water to a sanitary sewer. Washings should be prevented from entering surface water/storm drains. Local regulations should be observed.

### 7. Handling and Storage

#### 7.1 Handling

For industrial use only. Read label before use. Avoid all contact with skin, eyes and mouth. Wear appropriate protective clothing [See Section 8.2]. Wash hands and exposed skin thoroughly after use. Launder contaminated clothing before reuse.

#### 7.2 Storage

Keep in original container, 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 required.

**Eye Protection:** Goggles or safety glasses.

**Protective Gloves:** Rubber.

**Other Protective Clothing and Equipment:** Not required.

**Ventilation:** Normal room ventilation.

### 9. Physical and Chemical Properties

**Solubility in Water:** Complete

**Appearance/Odor:** Clear liquid, smells slightly sweet.

**Specific Gravity:** Approximately 1.09 g/ml

**pH:** Approximately 1.0 – 2.0

### 10. Stability and Reactivity

**Stability:** Stable

**Hazardous Polymerization:** Will not occur.

**Incompatible Materials:** Strong bases and oxidizing agents.

**Conditions to Avoid:** None known.

**Hazardous Decomposition or Byproducts:** CO<sub>x</sub>

### 11. Toxicological Information

#### 11.1 Acute (Primary Routes of Exposure)

**Eyes:** Solution may cause irritation to eyes upon contact.

**Skin:** Contact may cause irritation to skin.

**Ingestion:** May cause gastrointestinal irritation.

#### 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:

Product is ready biodegradable as per OECD Method 301B.

### 13. Disposal Considerations

Do not contaminate ponds, waterways, or ditches with chemical or used containers. Empty containers should be rinsed thoroughly and discarded in an appropriate waste container. [Containers may be offered for reconditioning/recycling.] Empty containers should not be used for other purposes. Unused material may be a hazardous waste due to its low pH and subsequent corrosivity. Disposal of unwanted product should be done in accordance with local, state or national legislation. 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:** Not restricted

**Sea: IMDG Class:** Not restricted

**Air: ICAO/IATA Class:** Not restricted

### 15. Regulatory Information

NA

### 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