



PRE-KLENZ™

Point Of Use Processing Gel

Safety Data Sheet

according to Federal Register / Vol. 77, No. 58 / Monday, March 26, 2012 / Rules and Regulations

Date of issue: 2/28/2017

Version: 1.0

SECTION 1: Identification of the substance/mixture and of the company/undertaking

1.1. Product identifier

Product form : Mixture
Trade name : PRE-KLENZ™ Point Of Use Processing Gel
Product code : 1505

1.2. Relevant identified uses of the substance or mixture and uses advised against

Use of the substance/mixture : Instrument PreSoak
Use of the substance/mixture : For professional use only

1.3. Details of the supplier of the safety data sheet

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

1.4. Emergency telephone number

Emergency number : US Emergency Telephone No.1-314-535-1395 (STERIS); 1-800-424-9300 (CHEMTREC)

SECTION 2: Hazards identification

2.1. Classification of the substance or mixture

Due only to the packaging configuration in a pressurized container, PRE-KLENZ Point Of Use Processing Gel mixture carries the following GHS classification; the chemistry within the container is classified as Non-Hazardous under GHS.

Product and propellants are Non-flammable, reference Section 5

GHS-US classification

Aerosols 3 H229

This product meets the definition of an aerosol during transportation because the product is in a pressurized can, reference Section 14.

In use, the expelled gel pre-cleaner does not mix with the propellant, and is compliant with the AORN 2015 guidance in regards to dispensing of cleaning chemicals for use in OR.

Product users should refer to the other sections of this Safety Data Sheet for user specific information.

2.2. Label elements

GHS-US labelling

Signal word (GHS) : Warning
Hazard statements (GHS) : H229 – Pressurized container.
Precautionary statements (GHS) : Not applicable

2.3. Other hazards

No additional information available.

2.4. Unknown acute toxicity (GHS)

None

SECTION 3: Composition/information on ingredients

3.1. Substance

Not applicable.

3.2. Mixture

Not applicable

SECTION 4: First aid measures

4.1. Description of first aid measures

First-aid measures general : Never give anything by mouth to an unconscious person. If you feel unwell, seek medical advice (show the label where possible).
First-aid measures after inhalation : If not breathing, give artificial respiration. Get medical attention. Assure fresh air breathing. Allow the victim to rest. In case of breathing difficulties administer oxygen by trained personnel.
First-aid measures after skin contact : Immediately flush skin with plenty of water for at least 15 minutes. Obtain medical attention.

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|--------------------------------------|---|
| First-aid measures after eye contact | : In case of contact with eyes flush immediately with plenty of flowing water for 10 to 15 minutes holding eyelids apart and consult an ophthalmologist. Obtain medical attention if irritation persists. |
| First-aid measures after ingestion | : If swallowed, rinse mouth with water (only if the person is conscious). Give water to drink if victim completely conscious/alert. Do NOT induce vomiting. Obtain emergency medical attention. |

4.2. Most important symptoms and effects, both acute and delayed

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| Symptoms/injuries | : Not expected to present a significant hazard under anticipated conditions of normal use. |
| Symptoms/injuries after skin contact | : Non irritant to skin. |

4.3. Indication of any immediate medical attention and special treatment needed

No additional information available.

SECTION 5: Firefighting measures

5.1. Extinguishing media

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| Suitable extinguishing media | : Use fire-extinguishing media appropriate for surrounding materials. |
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5.2. Special hazards arising from the substance or mixture

Flash Point, ASTM D 56 Method, Flash Point >180°F. Sample will not combust.

5.3. Advice for firefighters

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| Firefighting instructions | : Use water spray or fog for cooling exposed containers. Exercise caution when fighting any chemical fire. Prevent fire-fighting water from entering environment. |
| Protective equipment for firefighters | : Do not enter fire area without proper protective equipment, including respiratory protection. |
| Other information | : Hazardous decomposition products may be released during prolonged heating like smokes, carbon monoxide and dioxide. |

SECTION 6: Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures

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| General measures | : Use personal protective equipment as required. Stop leak if safe to do so. |
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6.1.1. For non-emergency personnel

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| Emergency procedures | : Evacuate unnecessary personnel. |
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6.1.2. For emergency responders

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| Protective equipment | : Equip cleanup crew with proper protection. |
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6.2. Environmental precautions

Avoid release to the environment. Prevent entry to sewers and public waters. Notify authorities if liquid enters sewers or public waters.

6.3. Methods and material for containment and cleaning up

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| Methods for cleaning up | : 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. Large spills: Soak up spills with inert solids, such as clay or diatomaceous earth as soon as possible. Collect in closed containers for disposal. Ensure all national/local regulations are observed. |
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6.4. Reference to other sections

See Heading 8. Exposure controls and personal protection.

SECTION 7: Handling and storage

7.1. Precautions for safe handling

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| Precautions for safe handling | : Read label before use. Keep container closed when not in use. Work in a well-ventilated area. Wash hands and other exposed areas with mild soap and water before eating, drinking or smoking and when leaving work. |
| Hygiene measures | : Wash hands thoroughly after handling. Take care for general good hygiene and housekeeping. Do not eat, drink or smoke when using this product. Wash contaminated clothing before reuse. |

7.2. Conditions for safe storage, including any incompatibilities

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| Technical measures | : A washing facility/water for eye and skin cleaning purposes should be present. Provide local exhaust or general room ventilation. |
| Storage conditions | : Keep out of reach of children. Keep only in the original container in a cool, well ventilated place. Store at room temperature. Avoid freezing . Keep container closed when not in use. |

7.3. Specific end use(s)

No additional information available.

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SECTION 8: Exposure controls/personal protection

8.1. Control parameters

No additional information available.

8.2. Exposure controls

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| Appropriate engineering controls | : Not required based on the use and classification of this product as non-corrosive. |
| Personal protective equipment | : PRE-KLENZ would not be considered hazardous or irritating according to OSHA regulations, however, personal protective equipment should be worn in accordance with OSHA bloodborne pathogen guidelines when handling soiled instruments. |



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| Hand protection | : Wear protective gloves, rubber gloves. |
| Eye protection | : Wear chemical goggles or safety glasses. |
| Respiratory protection | : The need for respiratory protection is not anticipated under normal use conditions and with adequate ventilation. |
| Other information | : Do not eat, drink or smoke during use. |

SECTION 9: Physical and chemical properties

9.1. Information on basic physical and chemical properties

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| Physical state | : Liquid/Gel |
| Appearance | : Slightly hazy viscous liquid |
| Color | : Light straw |
| Odor | : Floral citrus aroma |
| Odor threshold | : No data available |
| pH | : 7.0 Approximately |
| Relative evaporation rate (butyl acetate=1) | : No data available |
| Melting point | : Not applicable |
| Freezing point | : Similar to water |
| Boiling point | : No data available |
| Flash point | : Flash Point, ASTM D 56 Method, Flash Point >180°F. Sample will not combust. |
| Auto-ignition temperature | : No data available |
| Decomposition temperature | : No data available |
| Flammability (solid, gas) | : Product is not flammable |
| Vapor pressure | : No data available |
| Relative vapor density at 20 °C | : Not applicable |
| Relative density | : No data available |
| Density | : 1.03 g/ml Specific Gravity |
| Solubility | : Water: Completely soluble |
| Log Pow | : No data available |
| Log Kow | : No data available |
| Viscosity, kinematic | : No data available |
| Viscosity, dynamic | : No data available |
| Explosive properties | : Not explosive |
| Oxidizing properties | : Product is not an oxidizer |
| Explosive limits | : Not explosive |

9.2. Other information

No additional information available.

SECTION 10: Stability and reactivity

10.1. Reactivity

No additional information available.

10.2. Chemical stability

Stable under normal conditions of use.

10.3. Possibility of hazardous reactions

Hazardous polymerization will not occur.

10.4. Conditions to avoid

No additional information available.

10.5. Incompatible materials

No additional information available.

10.6. Hazardous decomposition products

Fume. Carbon monoxide. Carbon dioxide.

SECTION 11: Toxicological information**11.1. Information on toxicological effects**

Acute toxicity	: LD50 > 5000 mg/kg (rat)
Skin corrosion/irritation	: Non irritant to skin pH: 7.0 Approximately
Serious eye damage/irritation	: Non Irritant to eye
Respiratory or skin sensitization	: Not classified Based on available data, the classification criteria are not met
Germ cell mutagenicity	: Not classified Based on available data, the classification criteria are not met
Carcinogenicity	: Not classified Based on available data, the classification criteria are not met
Reproductive toxicity	: Not classified Based on available data, the classification criteria are not met
Specific target organ toxicity (single exposure)	: Not classified Based on available data, the classification criteria are not met
Specific target organ toxicity (repeated exposure)	: Not classified Based on available data, the classification criteria are not met
Aspiration hazard	: Not classified Based on available data, the classification criteria are not met.
Potential Adverse human health effects and symptoms	: Not classified Based on available data, the classification criteria are not met.

SECTION 12: Ecological information**12.1. Toxicity**

Ecology - general	: Readily biodegradable. (OECD 301B method). 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.
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12.2. Persistence and degradability

PRE-KLENZ™ Point Of Use Processing Gel	
Persistence and degradability	Not established.

12.3. Bioaccumulative potential

PRE-KLENZ™ Point Of Use Processing Gel	
Bioaccumulative potential	Not established.

12.4. Mobility in soil

No additional information available.

12.5. Other adverse effects

Avoid release to the environment.

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SECTION 13: Disposal considerations

13.1. Waste treatment methods

- Waste disposal recommendations : Dispose in a safe manner in accordance with local/national regulations.
- Additional information : Small spills may be flushed to a sanitary sewer with copious amounts of water, if in accordance with local, state or national legislation. Dispose in a safe manner in accordance with local/national regulations.
- Ecology - waste materials : Avoid release to the environment.

SECTION 14: Transport information

Reference Section 2 for clarification on product classification.

In accordance with DOT / TDG

- Proper Shipping Name : AEROSOLS Non-flammable
- Hazard Class : 2.2
- Identification Number : UN1950
- Label Codes : 2.2
LTD QTY
- ERG Number : 126

14.2 In Accordance with IMDG

- Proper Shipping Name : AEROSOLS Non-flammable
- Hazard Class : 2.2
- Identification Number : UN1950
- Label Codes : 2.2
LTD QTY
- EmS-No. (Fire) : F-D
- EmS-No. (Spillage) : S-U

14.3 In Accordance with IATA

Not approved for Air Shipment.

14.4 In Accordance with TDG

- Proper Shipping Name : AEROSOLS Non-flammable
- Hazard Class : 2.2
- Identification Number : UN1950
- Label Codes : 2.2
LTD QTY
- ERG Number : 126

SECTION 15: Regulatory information

15.1. US Federal regulations

Not applicable.

15.2. US State regulations

Not applicable.

15.3. Canada regulations

This product has been classified in accordance with the hazard criteria of the Hazardous Products Regulations (HPR) and the SDS contains all of the information required by HPR.

SECTION 16: Other information

- Date of Revision : 2/28/2017
- Other information : None.

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NFPA health hazard

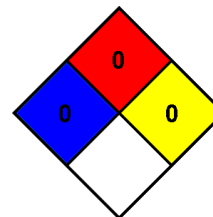
: 0 - Exposure under fire conditions would offer no hazard beyond that of ordinary combustible materials.

NFPA fire hazard

: 0 - Materials that will not burn.

NFPA reactivity

: 0 - Normally stable, even under fire exposure conditions, and are not reactive with water.



SDS US (GHS HazCom 2012)

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.