Section 1 - Product Information

Product Name: Surgistain
Supplier: The Ruhof Corporation
Product Code: 34572
Information Phone: 1-800-537-8463
Product Use: Medical Instrument Cleaning
Emergency Contact: 1-800-424-9300 (Chemtrec)
Address: 393 Sagamore Avenue Mineola NY 11501

Section 2 - Hazards Identification

GHS Classification Skin Corrosion Cat 1, Eye Damage Cat 1

Section 2.1 Label Elements

Hazard Pictograms

Hazard Statements:
H290 - May be corrosive to metals.
H302 - Harmful if swallowed
H314 - Causes severe skin burns and eye damage.

Precautionary Statements:
P501 - Dispose of contents/container to an approved waste disposal plant.

Section 3 - Composition/Information on Ingredients

<table>
<thead>
<tr>
<th>Chemical Name</th>
<th>CAS-No</th>
<th>Weight %</th>
</tr>
</thead>
<tbody>
<tr>
<td>Phosphoric Acid</td>
<td>7664-38-2</td>
<td>&lt;20</td>
</tr>
</tbody>
</table>

Section 4 - First Aid Measures

General Advice
Do not get in eyes, on skin, or on clothing.

Eye Contact
Rinse opened eye for several minutes under running water. If symptoms persist, consult a doctor.

Skin Contact
Rinse off with water. If symptoms persist, consult a doctor.

Inhalation
If irritation occurs move to fresh air. If symptoms persist, call a doctor.

Ingestion
Do NOT induce vomiting. Drink plenty of water. If symptoms persist, call a physician.

Section 5 - Fire-fighting Measures

Suitable Extinguishing Media
Use extinguishing measures that are appropriate to local circumstances and the surrounding environment.

Specific Hazards Arising from the Chemical
Special exposure hazards arising from the substance or preparation itself, combustion products, resulting gases None in particular.

Explosion Data
Sensitivity to Mechanical Impact None.
Sensitivity to Static Discharge None.

Special protective equipment for fire-fighters No further relevant information available.

Section 6 - Accidental Release Measures

Personal precautions, protective equipment and emergency procedures
Use personal protective equipment.

Methods and materials for containment and cleaning up
Soak up with inert absorbent material.

Reference to other sections: See Section 12 for additional

Section 7 - Handling and Storage

Handling
No special precautions are necessary if used correctly.

Hygiene Measures
When using, do not eat, drink or smoke. Provide regular cleaning of equipment, work area and clothing.

Conditions for safe storage, including any incompatibilities
Keep out of the reach of children. Keep in properly labeled containers.

Specific end use(s) Exposure Scenario
No information available. Other Guidelines No information available.

Section 8 - Exposure Controls / Personal Protection

<table>
<thead>
<tr>
<th>Chemical Name</th>
<th>EU</th>
<th>The United Kingdom</th>
</tr>
</thead>
<tbody>
<tr>
<td>Phosphoric acid</td>
<td></td>
<td></td>
</tr>
<tr>
<td>7664-38-2</td>
<td>TWA 1 mg/m³</td>
<td>STEL 2 mg/m³</td>
</tr>
</tbody>
</table>

Appropriate engineering controls

Engineering Measures:
Use personal protective equipment.

Exposure controls
The user is responsible for carrying out a full risk assessment of their specific processes and systems of work. Eye protection: Wear eye protection appropriate to the process according to BS EN 166. Hand protection: Wear PVC or latex gloves. Exact choice of glove depends on specific risk assessments. Body protection: As necessary to prevent contact. Respiratory protection: Use in a well- ventilated area, avoid breathing spray mist, wear a protective mask according to EN149, if necessary.

Other protection: Personal protective equipment: Exact PPE requirements should be determined from a specific risk assessment of the processes being carried out.
Surgistain Safety Data Sheet

Date of issue: 01/30/2019
Version: 3.0

9. PHYSICAL AND CHEMICAL PROPERTIES

<table>
<thead>
<tr>
<th>Physical State</th>
<th>Odor</th>
<th>Appearance</th>
<th>pH</th>
<th>Melting Point/Range</th>
<th>Boiling Point</th>
</tr>
</thead>
<tbody>
<tr>
<td>Liquid</td>
<td>Mild</td>
<td>Clear</td>
<td>&gt;1.5</td>
<td>No data available</td>
<td>&gt;100°C</td>
</tr>
</tbody>
</table>

Flash Point: Flammability Limits: Vapor Pressure: Specific Gravity: Water Solubility: Flammable Properties:
No data available No data available No data available 1.2 Soluble Not Flammable

10. STABILITY AND REACTIVITY

<table>
<thead>
<tr>
<th>Reactivity</th>
<th>Chemical stability</th>
<th>Hazardous Polymerization</th>
<th>Conditions to avoid</th>
<th>Incompatible materials</th>
<th>Hazardous decomposition products</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

11. TOXICOLOGICAL INFORMATION

Inhalation: Based on available data, the classification criteria are not met.
Eye Contact: May cause irritation.
Skin Contact: May cause irritation and/or may cause burns.
Ingestion: There is no data available for this product.

Delayed and immediate effects and also chronic effects from short and long-term exposure
Larvicide: Contains no ingredients above reportable quantities listed as a carcinogen.
Chronic Toxicity: Avoid repeated exposure. Repeated contact may cause allergic reactions in very susceptible persons.
Target Organ Effects: Respiratory system. Eyes. Skin.

12. ECOLOGICAL INFORMATION

<table>
<thead>
<tr>
<th>Ecotoxicity</th>
<th>Persistence and Degradability</th>
<th>Bioaccumulation</th>
<th>Other Adverse Effects</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>Phosphoric acid (7664-38-2)</td>
<td></td>
<td></td>
</tr>
<tr>
<td>LC50 fishes 1</td>
<td>3-3.5 mg/l (Exposure time: 96h – Species: Gambusia affinis)</td>
<td></td>
<td></td>
</tr>
<tr>
<td>EC50 Daphnia 1</td>
<td>4.6 mg/l (Exposure time: 12h – Species: Daphnia magna)</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

13. DISPOSAL CONSIDERATIONS

Waste Disposal Methods: Dispose of in accordance with federal, state, and local regulations.
Contaminated Packaging: Do not re-use empty containers.

14. TRANSPORT INFORMATION

DOT: The product is not covered by international regulation on the transport of dangerous goods (IMDG, IATA, ADR/RID).

15. REGULATORY INFORMATION

Safety, health and environmental regulations/legislation specific for the substance or mixture
US Federal Regulations: 29 CFR 1910.1200(g)

16. OTHER INFORMATION

Full text of H-phrase, Sections 2 H-290 May be corrosive to metals; H302 Harmful if swallowed; H-314 Causes severe skin burns and eye damage.

Prepared By
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393 Sagamore Avenue
Mineola, NY 11501

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End of Safety Data Sheet