Material Safety Data Sheet

Product: SAVINOX

1. IDENTIFICATION OF THE SUBSTANCE / PREPARATION AND THE COMPANY / UNDERTAKING
   Manufacturer: BioShields - A Division of Tulip Diagnostics Pvt. Ltd.
   Plot No. M – 46, Phase III B,
   Verna Industrial Estate,
   Verna, Goa, 403 722,
   INDIA.
   Product name: SAVINOX
   Synonyms: Microbicidal Antiseptic Solution

2. COMPOSITION/INFORMATION ON INGREDIENTS
   The ingredients at their given percentages in this product are not considered hazardous to your health.

<table>
<thead>
<tr>
<th>Components</th>
<th>CAS Number</th>
<th>Weight %</th>
</tr>
</thead>
<tbody>
<tr>
<td>Chlorhexidine Gluconate Solution</td>
<td>18472-51-0</td>
<td>0.3</td>
</tr>
<tr>
<td>Cetrimide</td>
<td>57-09-0</td>
<td>0.6</td>
</tr>
</tbody>
</table>

3. HAZARDS IDENTIFICATION
   Principle routes of exposure:
   Oral: Can irritate the tissues of mouth, oesophagus, and other tissues of the digestive system. Symptoms of over exposure can include vomiting, diarrhea and nausea.
   Eye contact: Severe irritant to the eyes.
   Skin contact: May cause skin irritation in sensitized individuals.
   Ingestion: Ingestion of this material may cause nausea, vomiting and diarrhea.
   Inhalation: Inhalation of mist or vapors may be severely irritating to the nose and throat.
   Physico – chemical properties: This product may cause eye, skin or respiratory irritation.

4. FIRST AID MEASURES
   Eye contact: In the case of contact with eyes, rinse immediately with plenty of water and seek medical attention.
   Ingestion: Wash mouth and throat immediately with plenty of water and seek medical attention.
   Inhalation: Move to fresh air immediately. If experiencing difficulty breathing, seek medical attention.
   Skin contact: Not harmful. Discontinue if skin is sensitive.

5. FIRE – FIGHTING MEASURES
   Flash point (°C): Not determined.
   Autoignition temperature: Not determined.
   Flammable limits in air - lower (%): Not determined.
   Fire fighting information: Use water, dry chemical, carbon dioxide or chemical foam.
   Suitable extinguishing media: None.
   Extinguishing media which must not be used for safety reasons:
6. ACCIDENTAL RELEASE MEASURES

Personal precautions: Avoid inhalation of mist or vapours. Wear eye protection if necessary.

Environmental precautions: No special environmental precautions required.

Methods for cleaning up: Flush with plenty of water.

7. HANDLING AND STORAGE

Handling:

Technical measures/precautions: No special technical protective measures required.

Safe handling advice: Avoid breathing vapours or mist. Avoid contact with eyes.

Storage:

Technical measures/storage conditions: Store at R. T. away from heat and light.

Incompatible products: Avoid contact with strong acids and bases.

8. EXPOSURE CONTROLS / PERSONAL PROTECTION

Eye protection: Safety glasses required.

Hand protection: Not required.

Skin and body protection: Not required.

Respiratory protection: Not required.

Other/general protection: Not required.

9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance: Clear liquid

Physical state: Liquid

Colour: Yellowish Orange

pH: 6.5 - 7.5

Odour: Pleasant

Water Miscibility: Miscible (Clear Solution)

10. STABILITY AND REACTIVITY

Chemical stability: Stable under recommended storage conditions.

Hazard polymerization: Hazardous polymerization does not occur.

Hazardous decomposition products: Unknown on product.

Materials to avoid: Strong acids and bases.

Conditions to avoid: Direct exposure to heat and sunlight.

11. TOXICOLOGICAL INFORMATION

Local effects:

Oral: Unknown on product.

Eye irritation: Severe irritant to the eye.
Skin irritation: May cause skin irritation in sensitized individuals.
Inhalation: Inhalation of mist or vapours may cause irritation to the nose and throat.

Chronic toxicity
- Oral: Not determined.
- Inhalation: Not determined.
- Dermal: Not determined.

Specific effects
- Corrosive effects: Not determined.
- Target organ effects: Not determined.

12. ECOLOGICAL INFORMATION

Ecotoxicity
- Ecotoxicity effects: This product has no known eco-toxicological effects.
- Aquatic toxicity effects: This product has no known aquatic toxicological effects.
- Mobility: Unknown on product.
- Persistence / degradability: Unknown on product.
- Bioaccumulation: Unknown on product.
- Degradation: Unknown on product.

13. DISPOSAL CONSIDERATIONS

This product may be disposed off in accordance with the regulations laid down by the local regulatory authority.

14. TRANSPORT INFORMATION

DOT: None
IATA/ICAO: None

15. REGULATORY INFORMATION

CAS No.: Not applicable.
Labeling: For External Use Only.
Safety Phrases: Avoid contact with the mucous membrane. In case of contact, wash immediately with plenty of water and seek medical attention.

16. OTHER INFORMATION

Additional advice: None
Literary Reference: None

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End of Safety Data Sheet