



Material Safety Data Sheet

1 Product Identification

Generic name: **STERIMICRO- Antiseptic**
Solution Intended Use of Product: powerful
Germicide Division: PHARMACEUTICALS
Dangerous Goods Class: Not a Dangerous good.
Subsidiary Risk : None
Hazchem code : None

2 Composition/ Information on Ingredients

Chemical No:	CAS No:	Proportion
Chlorhexidine Gluconate Solution		0.30 % v/v
Cetrimide		0.60 % w/v

3 Hazards Identification

Acute Health Effects

Swallowed	The concentrate is discomforting to the gastro-intestinal tract and may be harmful if swallowed. Ingestion may result in nausea, abdominal irritation, pain and diarrhoea.
Eye	The concentrate is highly discomforting to eyes and capable of causing a mild, temporary redness of the conjunctiva, temporary Impairment of vision and / or other transient eye damage/ ulceration.
Skin	Not considered an irritant through normal use. In rare cases skin contact may cause sensitization and allergic skin reactions after repeated application.
Inhaled	Not normally a hazard due to non- volatile nature of product.
Chronic	Principal routes of exposure are usually by skin contact. Prolonged or continuous skin contact with the liquid may cause defatting with drying, cracking, irritation and dermatitis following. Allergic contact dermatitis may occur due to prolonged skin contact.

4 First Aid Measures

Swallowed	Rinse mouth out with plenty of water. If poisoning occurs , Contact a doctor or a poisons information center. If swallowed do not induce vomiting. Give water or milk, then raw egg.
Eye	If this product comes in contact with the eyes: Immediately hold the eyes open and wash continuously for at least 15 minutes with fresh running water. ensure irrigation under eyelids by occasionally lifting the upper and lower lids. Transport to hospital or doctor without delay. removal of contact lenses after an eye injury should only be undertaken by skilled personnel.
Skin	Not normally a risk due to non- irritating nature of product. If unintended contact occurs wash skin thoroughly. If irritation occurs seek medical advice.
Inhaled	If fumes or combustion products are inhaled: Remove to Fresh air. Lay patient down. Keep warm and rested. If breathing is shallow or has stopped, ensure clear airway and apply resuscitation. Transport to hospital, or doctor.

Advice to Doctor For exposures to quaternary ammonium compounds:

- 1.For ingestion of concentrated solutions (10% or higher); swallow promptly a large quantity of milk, egg whites/gelatin solution. If not readily available, a slurry of activated charcoal may be useful. Avoid alcohol.
Because of probable mucosal damage omit gastric lavage and emetic drugs.
- 2.For dilute solutions (2 % or less);
if little or no emesis appears spontaneously, administer syrup of Ipecac or perform gastric lavage.
- 3.If hypotension becomes severe,institute measures against circulatory shock.
- 4.If respiration laboured,administer oxygen and support breathing mechanically.Oropharyngeal airway may be inserted in absence of gag reflex.Epiglottic or laryngeal edema may necessitate a tracheotomy.
- 5.Persistent convulsions may be controlled by cautious intravenous injection of diazepam or short-acting barbiturate drugs.(Gosselin etal, Clinical Toxicology of Commercial Products)

5 Fire Fighting Measures

Specific Dangers Non-combustible. Not considered to be a significant

fire risk. Expansion or decomposition on heating may lead to violent rupture of containers.

Decomposes on heating and may produce toxic fumes of carbon monoxide (CO).
May emit acrid smoke.
Other decomposition products include carbon dioxide(CO₂).
Nitrogen oxides(Nox),chlorides and hydrogen bromide.

6 Accidental Release Measures

Minor Spills	Clean up all spills immediately. Avoid breathing vapors and contact with skin and eyes. Control personal contact by using protective equipment. Contain and absorb spill with sand, earth, insert material or Vermiculite. Wipe up. Place in a suitable labeled container for waste disposal.
Major spills	Minor hazard. Clear area of personnel. Alert fire brigade and tell them location and nature of hazard. Control personal Contact by using protective equipment as required. Prevent spillage from entering drains or waterways. Contain Spill with sand, earth or vermiculite. Collect recoverable product into labeled containers for recycling. Absorb remaining product withsand,earth or vermiculite and place in appropriate containers for disposal. Wash area and prevent runoff into drains or waterways. If contamination of drains of drains or waterways occurs, advise emergency services.

7 Handling and Storage

Suitable Container	Plastic Bottle
Storage incompatibility	None Known.
Storage requirement	Store in original containers. Keep containers securely sealed. Store in a cool, dry, well-ventilated area. store away from incompatible materials and foodstuff containers. Protect containers against physical damage and check regularly for leaks. Observe manufacturer's storing and handling recommendations. Store below 25 deg. C.

8 Exposure Controls/ Personal Protections

Exposure Standards	Non assigned
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Engineering Controls None under normal operating conditions.

Personal Protection

EYE No special equipment for minor exposure i.e. when handling small quantities.
Otherwise: Safety glasses with side shields. Contact lenses pose a special hazard; soft lenses may absorb irritants and all lenses concentrate them.

Hands/ Feet No special equipment needed when handling small quantities. Otherwise : wear chemical protective gloves, eg. PVC.

Other Overalls.
Eyewash unit.

9 Physical and Chemical Properties

Appearance : A Clear yellow coloured liquid with characteristic odour
Boiling Point (deg C) Not available.
Melting point(deg C) Not available.
Vapour pressure(kPa) Not available.
Specific Gravity 1.0 Approx.
Flash Point (deg C) Not applicable
Lower Explosive limit(%) Not applicable
Upper Explosive limit(%) Not applicable
Solubility in water (g/L) Miscible.

10 Stability and Reactivity

Stability: Stable under normal use conditions.

Dangerous Reactions Do not mix with soaps, detergents or other Chemicals.
Disgards any unused solution.

11 Toxicological Information

Toxicity The toxicity of this product has not been determined.

12 Ecological Information

Ecotoxicity The Ecotoxicity of this product has not determined.

13 Disposal Considerations

Bulk Quantities	Recycle wherever possible or consult manufacturer for recycling options. Consult state land waste Management Authority for disposal. Bury residue in an authorized landfill. Recycle containers where possible, or despose of in an Aurtherised landfill.
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14 Transportation I nformation

No restrictions.

15 Regulatory Information

Hazardous Substances Regulations:	Not hazardous
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16 Other Inform ation

Contact Point: M/s SFED India Pvt. Ltd.

SF-221, 2nd Floor, IT Complex, JMD Megapolis, Village - Tikri, Sohna Road, Gurgaon, Haryana-122018. Contact: 9026326293 / 9205972739, Website: www.sfedindia.com , Mail ID: - admin@sfedindia.com

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