

SteriTouch[®]

Material Safety Data Sheet

ST1085

Issue No: 5
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1. Product Name and Company Identification

Product Name: ST1085
Supplier: SteriTouch Ltd
Roseheyworth Business Park, Abertillery, Gwent NP13 1SP United Kingdom
Tel: 01495 211400 Fax: 01495 211404
info@steritouch.com
www.steritouch.com

2. Composition /Information on ingredients

Component	Concentration	CAS Number	Risk Phrases
Ionic silver antimicrobial powder	60-70 wt%	Proprietary	None
Stabiliser	30-40 wt%	Proprietary	None

3. Hazards Identification

Classification of the substance or mixture:

- Classification according to Regulation (EC) No 1272/2008

No classification is assigned, based on classification criteria. Review the entire data sheet for any additional information which did not result in a GHS classification.

- Classification according to Directives 67/548/EEC and / or 1999/45/EC

No classification is assigned, based on classification criteria. Review the entire data sheet for any additional information which did not result in a GHS classification.

The material is compliant with RoHS and WEEE Directives.

4. First-Aid Measures

Inhalation Remove victim to fresh air and keep at rest in a position comfortable for breathing. If breathing is difficult, oxygen should be administered by qualified personnel.

Skin Contact Wash with plenty of soap and water. Take off contaminated clothes and wash before re-use. If skin irritation occurs, get medical attention.

Eye Contact If you wear contact lenses which can easily be removed, remove them and wash eye with running water for more than 15 minutes. Back side of eyelid should also be washed. Seek medical advice.

Ingestion Seek medical attention.

5. Fire-Fighting Measures

Extinguishing media Carbon dioxide, dry chemical or foam recommended. Apply water spray to cool exposed closed containers.

Protection of Fire-Fighters Self-contained breathing apparatus (SCBA) and full protective equipment recommended.

6. Accidental release measures

Personal precautions: Wear personal protective clothing and equipment, see section 8. Avoid breathing dust.

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Environmental precautions:	Prevent entry into sewers, drains, ditches, underground or confined spaces and waterways.
Methods for cleaning up:	Avoid generating dust. Collect spilled material in appropriate container for disposal. Clean up residue with vacuum. Keep unnecessary people away, isolate hazard area and deny entry.

7. Handling and Storage

Handling	Handle with care so that no dust is generated. Use power ventilation system. Do not inhale when the product is spilled.
Storage	Store in a moderately cool, dry area away from direct sources of heat, fire and sunshine.
Room temperature:	5°C - 20°C Do not open the original package during storage. Position the container so that all labelling information remains visible.
Packaging material:	Moisture barrier laminated aluminium pouch.

8. Exposure Controls

Allowable Concentration	
ACHGIH (published 1979):	5mg/m ³
Personal protective equipment	
Respiratory protection:	NIOSH approved
Hand protection:	Gloves are recommended
Eye protection:	Goggles are recommended
Skin and body protection:	Shoes and clothing are recommended
Hygiene measures:	Wash hands and face before breaks and immediately after handling the product. When using, do not eat, drink, or smoke.

9. Physical and Chemical Properties

Physical state:	Solid
Appearance:	White powder
Odour:	Slight odour
Melting point:	No Data available
Decomposition temperature:	>150°C
Flash point:	None
Auto ignition temperature:	None
Explosion propensity:	No self-ignition is expected up to 400°C
Density:	2.66
Solubility:	Insoluble

10. Stability and Reactivity

Reactivity:	No reactivity hazard is expected
Stability:	Stable
Possibility of hazardous reactions:	Hazardous polymerisation will not occur
Conditions to avoid:	Avoid generating dust
Incompatible materials:	None known
Hazardous decomposition products:	Oxides of silver, phosphates

11. Toxicological Information

Carcinogenic toxicity:	No data available
Acute toxicity:	LD50/ LC50 (Lethal Dose / Lethal Concentration) - More than 2000mg/kg (mouse; oral)
Chronic toxicity:	No data available
Mutagenicity:	Negative (E.coli and S. typhimurium)

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Primary irritation: No irritational reaction (rabbit; skin)
Skin sensitisation: No sensitisation reaction (guinea pig)

12. Ecological Information

No data available

13. Disposal Considerations

Waste from residues: Disposal in accordance with local and national regulations. Do not allow material to contaminate ground water system. Do not contaminate surface water. Use industrial waste handler.

Contaminated packaging: Dispose as a non-flammable material.

14. Transport Information

International regulations: Not regulated for transport.

Seal the container firmly to avoid spill and leakage. Don't expose the container to heat, water or sunshine. Make sure to protect the container from damage and keep upright during handling and transportation.

15. Regulatory Information

All components of this mixture are listed AICS and EINECS.
This mixture does not contain any substances that are under REACH listed as SVHC

16. Other Information

The information contained here may be incomplete and we recommend that the material is handled with care. We are unable to provide test data on this material mixed with any other material.