



Material Safety Data Sheet

Steri-Spore

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

Product name: Steri-spore

Product Description: Short-acting chemical sterilant within 30 minutes at room temperature.

Instructions for use: Wash and rinse the medical instruments properly after use with potable water. If visible residues stay on surface of instruments, remove it with brush then rinse the instruments with potable water. The instruments are now ready for sterilization by steri-spore. Prepare a diluted solution of steri-spore by adding 50 ml of concentrate to 950 ml of water. Immerse the instruments for 30 minutes where all parts and holes must be completely filled with solution. After disinfection and sterilization of medical instruments, rinse them with sterile water or leave them to dry in air or dry them by sterile gauze.

Shelf life: 12 months in original packing

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Section 2: Hazards Identification

Main hazard: Eye irritant

Flammability: Flammable

Biological hazards: none

Reproduction hazards: none

Health effects (eyes): causes irritation

Health effects (skin): irritant

Health effects (inhalation): Not a normal route of exposure. May cause respiratory tract irritation.

Health effects (ingestion): Not a normal route of exposure. May cause stomach distress, nausea, vomiting.

Carcinogenicity: none

Mutagenicity: none

Neurotoxicity: none

Chemical hazard: none

Section 3: Composition

Active ingredient: Peracetic acid, dioxidane, ethanoic acid, and other active ingredients.

Hazardous components: none

Section 4: First aid measures

Product on skin: Flush skin with water for at least 15 minutes. Seek medical attention if irritation develops.

Product inhaled: Remove patient to fresh air and keep at rest in a position comfortable for breathing. If not breathing, give artificial respiration. Seek medical attention immediately.

Product in eye: Flush eye with water thoroughly for 15 minutes. Seek medical attention if irritation persists.

Products ingested: Rinse mouth. Do not induce vomiting Give water to drink if victim is conscious. Call a poison center or physician.

Section 5: Fire Fighting Measures

Extinguishing media: Water fog. Foam, carbon dioxide, dry chemical.

Fire hazards: Product increases the explosive limits, enhances the burning rate and may initiate fire in combustion materials. Combustible materials exposed to product should be immediately submerged in water to ensure that all product is removed. Residual product that is allowed to dry on organic materials such as paper, fabrics, cotton, wood or other combustibles can cause the material to ignite and result in fire.

Advice for firefighters: Wear proper protective equipment including respiratory protection. Exercise caution when fighting any chemical fire. Prevent fire-fighting water from entering environment.

Section 6: Accidental Release Methods

Personal precautions: stop leak if safe to do so. Avoid contact with eyes, skin, and clothing. Avoid breathing dust, mist, or spray. Spilled material may present a slipping hazard. Ensure adequate air ventilation which working.

Environmental precautions: Product may be flushed through a sanitary sewer with copious amount of water, if in accordance with national legislation. Dispose in a safe manner in accordance with local\national regulations. Ensure all local\national regulations are observed.

Spills: contain and\or absorb spill with inert material, then place in suitable container. Do not absorb in sawdust, paper, cloth, or other combustible absorbents. Collect all waste in suitable containers and dispose according to local legislations. Flush residues with large amounts of water. D not allow to enter into surface water or drains.

Section 7: Handling and Storage

Suitable storage and\ or handling material: Any air tight container made of packaging material suitable for holding liquids.

Storage and\or handling precautions: Keep container closed in a dry, cool, well-ventilated area. Keep away from sources of heat and direct sunlight.

Section 8: Exposure Controls\ Personnel Protection

Engineering control measures: emergency eye wash fountains should be available in the vicinity of any exposure.

Personnel protection (skin): wear protective clothing, gloves.

Personnel protection (respiratory): in case of insufficient ventilation, wear proper respiratory equipment.

Personnel protection (eyes): wear chemical goggles, safety glasses.

Other protection: none necessary

Section 9: Physical and Chemical Properties

Appearance: clear liquid

Odor: characteristic odor

PH: 2.2-2.6

Melting point: Not applicable

Flash point: Not applicable

Flammability: flammable

Explosive properties: Not applicable

Vapor pressure: Not applicable

Density: 1.022 g/ml

Neurotoxicity: none

Solubility (water): complete

Solubility (solvents): other alcohols, ether, chloroform

Section 10: Stability and Reactivity

Conditions to avoid: do not use on surfaces or equipment where it might come into direct contact with the material below.

Incompatible materials: reducing agents, iron, heavy metal, copper and its alloys, caustic products, combustible materials.

Hazardous decomposition products: fume, carbon dioxide, carbon monoxide, nitrogen oxides.

Section 11: Toxicological Information

Acute toxicity: not classified

Skin and eye contact: refer to section 3

Chronic toxicity: none

Carcinogenicity: none

Mutagenicity: no adverse mutagenic effects indicated

Reproductive hazards: no adverse reproductive effects indicated

Section 12: Ecological Information

Aquatic Toxicity (Fish): Toxic to Fish 16-52 mg\l (exposure time: 96 hours)

Aquatic Toxicity (Daphnia): Toxic to Daphnia at 18-32 mg\l (exposure time: 48 hours)

Aquatic Toxicity (Algae): None

Biodegradability: Yes

Bio-Accumulation: No bio-accumulation indicated

Section 13: Disposal Considerations

Disposal method: Product can be flushed to sanitary sewer, if in accordance with local or national legislations.

Disposal of packaging: Bottle, dispenser, spray pump and/or lid are recyclable

Section 14: Regulatory Information

Specific regulations: Safety out of the reach of children. Keep container closed. Keep away from any source of ignition.

Chemical safety assessment: A chemical safety assessment has not been carried out for the substance or the mixture by the supplier.

Section 15: Other information

Disclaimer: The above information is believed to be correct but does not purport to be all inclusive and shall be used only as a guide. This company shall not be held liable for any damage resulting from handling or from contact with the above product.

Recommended Use: For external use on small surfaces and medical and industrial instruments