



Material Safety Data Sheet

Sterident

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

Product name: Sterident

Product Description: Medical and dental instruments disinfectant.

Instructions for use: Prepare working solution by diluting the concentrate with water. Dilute 50 ml of the concentrate in 950 ml of water. Introduce solution into suction systems once or twice a day (depending on the level of contamination). Flush suction systems with water to remove the contaminated solution.

Shelf life: 12 months in original packing

Code: V-001

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Section 2: Hazards Identification

Main hazard: Eye irritant

Flammability: non-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: C.A.B.D.A, dihydroxypropane-1,2,3-tricarboxylic acid, proxitane, propan-2-ol, 1,6-bis(4-chlorophenylbiguanido)hexane and other active ingredients.

Hazardous components: none

Section 4: First aid measures

Product on skin: Flush skin with water. 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. 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. Cool container with water. 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.

Environmental precautions: Prevent leakage into drain and into soil. Dispose in a safe manner in accordance with local\national regulations. Ensure all local\national regulations are observed.

Spills: contain and\or absorb spill in a well-ventilated plastic container.

Section 7: Handling and Storage

Suitable storage and\ or handling material: Handle and open container with care.

Storage and\or handling precautions: Keep in original container. 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: 10 - 11

Melting point: Not applicable

Flash point: Not applicable

Flammability: non-flammable

Explosive properties: Not applicable

Vapor pressure: Not applicable

Density: 1.07 - 1.11 g\cm³

Neurotoxicity: none

Solubility (water): complete

Solubility (solvents): other alcohols, ether, chloroform

Section 10: Stability and Reactivity

Conditions to avoid: None available.

Incompatible materials: None available.

Hazardous decomposition products: None available.

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