



■ High Technology Disinfectants ■

Material safety data sheet

Product : LINOSAFE

1. IDENTIFICATION OF THE SUBSTANCE / PREPARATION AND THE COMPANY / UNDERTAKING.

Supplier :

BioShields, A Division of Coral Clinical System
Plot no. M 46, phase III B, Verna Industrial Estate,
Verna – Goa 403722

Product name: Linosafe

Product code: LNS 0500/5000

Synonyms: Aldehyde free disinfectant cleaner for linen.

2. COMPOSITION / INFORMATION ON INGREDIENTS.

Components	CAS number	Weight %	OEL data (TWA-8 HR)	OEL data (STEL)	OEL data (ceiling limit value)	PBOEL
Didecyl dimethyl ammonium chloride	7173-51-5	5%	Not determined	Not determined	Not determined	Not determined

3. HAZARD IDENTIFICATION.

Principle route of exposure :

Oral: Harmful if swallowed.

Eye contact: Mild irritant to the eyes.

Skin contact: None.

Ingestion: Harmful if swallowed.

Inhalation: Not a likely route of exposure.

4. FIRST AID MEASURES.

Eye contact: In the case of contact with eyes, rinse immediately with plenty of water and seek medical attention.

Ingestion: Do not induce vomiting. Call a physician or Poison control Center immediately.

Inhalation: Move to fresh air immediately. If experiencing difficulty breathing, seek medical attention.

Skin contact: After contact with skin, wash immediately with plenty of water.

Protection to first aiders: Not known.

Notes to physicians: Not known.

5. FIRE-FIGHTING MEASURES.

Autoignition temperature: Not available

Flammable limits in air-lower(%):: Not available

Fire-fighting information

Suitable extinguishing media: Use water, dry chemical, carbon dioxide or Chemical foam.

Extinguishing media which

must not be used for safety reasons: None

Specific methods: None

Special protective equipment: Wear self-contained breathing apparatus for fire fighting if necessary.

Hazardous combustion products: Carbon dioxide and carbon monoxide

Explosivity

Explosion limit: None

Lower: None

Upper: None

6. ACCIDENTAL RELEASE MEASURES.

Personal precautions: No special precautions to be taken.

Environmental precautions: No special precautions to be taken.

Methods for cleaning up: Clean up with water.

7. HANDLING AND STORAGE.

Handling :

Technical measures / precaution: Ensure adequate ventilation.

Safe handling device: Wear appropriate personal protection, including chemical resistant gloves and clothing.

Storage :

Technical measures: Store container in cool, dry place away from sunlight
/ storage conditions

Incompatible product: Not known.

8. EXPOSURE CONTROL / PERSONAL PROTECTION.

Engineering control: Ensure adequate ventilation.

Eye protection: Not required.

Hand protection: Wear chemical resistant gloves.

Skin and body protection: Wear chemical resistant lab coat.

Respiratory precaution: Not required.

Other general protection: Not required.

9. PHYSICAL AND CHEMICAL PROPERTIES.

Physical state: Liquid.

Color: Colorless to pale yellow

PH: 8.5-9.5

Odor: Pleasant

Miscibility: Freely Soluble

10. STABILITY AND REACTIVITY.

Chemical stability: Stable under recommended storage conditions.
Hazard polymerization: Hazardous polymerization does not occur.
Hazardous decomposition products: Unknown on product.
Material to avoid: Strong acids and bases.
Conditions to avoid: Direct exposure to heat and sunlight.

11. TOXICOLOGICAL INFORMATION.

Acute toxicity

LD50 Dermal Rabbit (mg/kg): Not determined

LD50 Oral Rat (f) (mg/kg): Not determined

Local effects

Oral: Not determined.

Eye irritation: Not determined.

Skin irritation: Not determined.

Inhalation: Not determined.

Chronic toxicity

Oral: Not determined

Inhalation: Not determined.

Dermal: Not determined

Subchronic toxicity

Oral: Not determined

Dermal: Not determined

Specific effects

Corrosive effects: Not determined.

Sensitizations: Not determined

Target organ effects: Not determined

Mutagenic effects: Not determined

Reproductive effects: Not determined

Developmental effects: Not determined

Carcinogenic effects: Not determined

Ecotoxicity: This product has no known eco-toxicological effects.

12. DISPOSAL CONSIDERATIONS.

Waste from residues / unused products : This product may be disposed off in accordance with the regulation laid down by the local regulatory authority.

13. TRANSPORT INFORMATION.

DOT: Not known.
IMO/IMDG: Not known
ADR/RID: Not known
IATA/ICAO: Not known

14. OTHER INFORMATION.

Additional advice : None
Literary reference : None

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