

Safety Data Sheet

According to 91/155 EC
Printing Date: 1 June 2010

1. Product details

- **Trade Name:** **Geosil Surface Sanitiser**
- **Brand Name:** **Cellarguard MicroSafe**
- **Application:** General Purpose Surface Disinfectant
- **Manufacturer / Supplier:** **Elitepac Ltd**
29B Hannigan Drive, St Johns
Auckland, New Zealand
- **Emergency information:** Ph: 09 570 0594, Mobile: 021 611855
admin@Elitepac.co.nz

2. Chemical Composition

- **Description:** Mixture of the substances listed below with harmless additions.

- **Active components:**

Hydrogen Peroxide <7.5 % CAS-No.: 7722-84-1

Silver less than <0.001% CAS-No.: 7761-88-8

Additional information for the wording of the risk phrases refer to section 16.

3. Hazard Identification

Description of dangers; Causes burns. Irritating to respiratory system.

HSNO Classifications: Approved in New Zealand under Group Standard HSR002530 (ERMA NZ)

- 6.4A Eye irritant
- 6.9B Target organ systemic toxicant (*lung & gastrointestinal tract*)
- 9.1B Aquatic ecotoxicant
- 9.3C Vertebrate ecotoxicant

Special guidelines concerning dangers to humans and the environment:

- Product is an oxidising agent.
- Danger of decomposition when exposed to heat.
- Risk of decomposition in contact with incompatible substances, e.g. metals, metal ions, alkalis, reducing agents.

4. First Aid Measures

General information:

- Read label before use. Wash hands after use. No special measures required.
- After inhalation: Supply fresh air. Consult doctor in case of symptoms.
- After skin contact: Rinse with water. The product is generally not a skin irritant.
- After eye contact: Rinse cautiously with water for several minutes. Remove contact lenses. Obtain medical advice.
- After swallowing: Seek immediate medical advice.

5. Fire Fighting Measures

Suitable extinguishing agents.

- CO₂, extinguishing powder or water jet. Fight larger fires with water jet or alcohol-resistant foam.
- Protective equipment: No special measures required.

6. Accidental release measure

- Person-related safety precautions: Not required
- Measures for environmental protection: Dilute with copious amount of water.
- Measures for cleaning/collecting: Absorb with liquid-binding material (sand, diatomite, acid binders, universal binders, sawdust.)
- Neutralise with Sodium Bisulphite (NaHSO₃)
- Additional information: No dangerous materials are released.

7. Handling and Storage

Handling - • No special measures required.

Information about protection against explosions and fires:

- The product is not flammable. Keep away from ignition sources.

Storage:

- Requirements to be met by storerooms and containers: No special requirements.
- Information about storage in one common storage facility: Store away from foodstuffs.
- Further information about storage conditions: None.

8. Exposure controls and personal protection

- Additional information about design of technical systems: No further data; see item 7.
- Components with limit values that require monitoring at the workplace:
The product does not contain any relevant quantities of materials with critical values that have to be monitored at the workplace.
- Additional information: The lists that were valid during the compilation were used as basis.
- Personal protection equipment:
- Personal protective and hygienic measures:
The usual precautionary measure should be adhered to general rules for handling chemicals.
- Breathing equipment: Not required.
- Protection of hands:
The glove material has to be impermeable and resistant to the product/ the substance/ the preparation.
Selection of the glove material depends on considerations of the penetrations times, rates of diffusion and the degradation.
- Material of gloves:
The selection of the suitable gloves does not depend only on the material, but also on further marks of quality and varies from manufacturer to manufacturer. As the product is a preparation of several substances, the resistance of the glove material can nor be calculated in advance and has therefore to be checked prior to the application.
- Penetration time of glove material:
The exact breakthrough time has to be found out by the manufacturer of the protective gloves and has to be observed.
- Eye protection: Safety glasses are recommended.

9. Physical and Chemical Properties

Form: Fluid

Colour: Colourless

Odour: Odourless

- Change in condition:

Melting point / Melting range: 0 °C

Boiling point / Boiling range: 100 °C

- Flash point not applicable.
- Self-inflammability: Product is not self-igniting.
- Danger of explosion: Product is not explosive.
- Vapour pressure at 20OC 23 hPa
- Density at 20OC 1.019 g/cm³
- Solubility in / Miscibility with water: Fully miscible
- PH value at 20OC < 3
- Solvent content: Organic solvents: 2.5%, Water: ca.90.0%

10. Stability and Reactivity

- Thermal decomposition / conditions to be avoided:
No decomposition if used and stored according to specifications.
- Dangerous products of decomposition: Oxygen

11. Toxicological Information

- Target Organ Systemic Toxicant. (*Lungs & gastrointestinal tract*) May cause damage to organs
- Primary irritant effect:
On the skin: Irritant effect. Wash hands after use.
On the eye: Causes eye irritation.
- Sensitisation: No sensitising effect known.

12. Ecological information

- General notes:
Aquatic ecotoxicant. Toxic to aquatic life with long lasting effects. Normally not hazardous for water when diluted. Do not allow undiluted product or large quantities of it to reach ground water, water bodies or sewage systems.

13. Disposal considerations

- Product Recommendation: Smaller quantities can be disposed of with household garbage.
- Un-cleaned Package Recommendation: Disposal must be made according to official regulations.
- Recommended cleaning agent: Water, if necessary with cleaning agent.

14. Transport information

- UN No. 2014
- Land transport ADR/RID (cross border)
- ADR/RID-GGVS/E Class: Maritime transport IMDG:
- IMDG Class: Marine pollutant: No
- Air transport ICAO-TI and IATA-DGR:

15. Regulatory information

- HSNO approved under group standard approval Cleaning Products (Subsidiary Hazard) Group Standard [HSR002530]
- Designation according to EC guidelines:
Observe the normal safety regulations when handling chemicals.
The product is not subject to identification regulations under EC Directives and the Ordinance on Hazardous materials (GefStoffV).
- Special designation of certain preparations:
Safety data sheet available for professional users on request.
- Water hazard class 0 (Self-assessment): Normally not hazardous for water

16. Other information

- This data is based on our present information. However, they shall not constitute a guarantee for any specific product features and shall not establish a legally valid contractual relationship.
- Relevant R-phrases:
H320 Causes eye irritation
H371 May cause damage to organs
H411 Toxic to aquatic life with long lasting effects
H433 Harmful to terrestrial vertebrates.
- Department issuing data specification sheet: Environment protection department

Disclaimer

This document has been compiled by Elitepac Ltd based on information concerning the product which has been provided to Elitepac Ltd by the component manufacturer(s) or obtained from third party sources and is believed to represent the current state of knowledge as to the appropriate safety and handling precautions for the product at the time of issue. Further clarification regarding any aspect of the product should be obtained directly from the manufacturer. While Elitepac Ltd has taken all due care to include accurate and up-to-date information in this SDS, it does not provide any warranty as to accuracy or completeness. As far as lawfully possible, Elitepac Ltd accepts no liability for any loss, injury or damage (including consequential loss) which may be suffered or incurred by any person as a consequence of their reliance on the information contained in this SDS.

The information herein is given in good faith, but no warranty, express or implied is made.

Please contact the New Zealand proprietor, Elitepac Ltd, 29B Hannigan Drive, Glen Innes, Auckland 1072, if further information is required.