

SAFETY DATA SHEET



Conforms to EU regulation EC 1907/2006 and amendments

PREMIER KLERCIDE-CR STERILE BIOCIDES T

Code : 111343E

Version : 5

Date of revision : 26 July 2010

1. Identification of the substance/preparation and company/undertaking

Identification of the substance or preparation

Product name : PREMIER KLERCIDE-CR STERILE BIOCIDES T
Product use : Surface Disinfectant
Product is for professional use only

Company/undertaking identification

Manufacturer/ : Ecolab Ltd.
Distributor/ David Murray John Building
Importer UK-SN1 1NH Swindon, Wiltshire
England
Tel +44 (0)1793 511221
Fax +44 (0)1793 618552
CCS@ecolab.com
Emergency phone: 01793 511221

anti-poison centre : NOT AVAILABLE.

2. Hazards identification

The product is classified as dangerous according to Directive 1999/45/EC and its amendments.

Classification : Xn; R22
C; R34
N; R50/53

Human health hazards : Harmful if swallowed. Causes burns.

Environmental hazards : Very toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment.

See section 11 for more detailed information on health effects and symptoms.


3. Composition/information on ingredients

Ingredient declaration according to detergent regulation 648/2004/EC:

<5% non-ionic surfactants

Contains Perfumes
Contains disinfectants.

Substance/preparation : Preparation

Ingredient name	EINECS	CAS	%	Classification
 lucoprotamin	403-950-8	164907-72-6	25 - 30	T+; R26 [1] Xn; R22 C; R34 N; R50/53
2-(2-butoxyethoxy)ethanol	203-961-6	112-34-5	10 - 20	Xi; R36 [1]
2-phenoxyethanol	204-589-7	122-99-6	10 - 20	Xn; R22 [2] Xi; R36 [1]
Fattyalcohol ethoxylates > 5EO	Polymer.	147993-63-3	2 - 5	Xi; R38 [1] N; R50
See section 16 for the full text of the R-phrases declared above				

PREMIER KLERCIDE-CR STERILE BIOCID E T

There are no additional ingredients present which, within the current knowledge of the supplier and in the concentrations applicable, are classified as hazardous to health or the environment and hence require reporting in this section.

[1] Substance classified with a health or environmental hazard

[2] Substance with a workplace exposure limit

[3] PBT-substance

[4] vPvB-substance

Occupational exposure limits, if available, are listed in section 8.

4. First aid measures

First-aid measures

- Inhalation** : Move exposed person to fresh air. Get medical attention immediately.
- Ingestion** : Wash out mouth with water. Move exposed person to fresh air. Do not induce vomiting unless directed to do so by medical personnel. Get medical attention immediately.
- Skin contact** : Flush contaminated skin with plenty of water. Remove contaminated clothing and shoes. Wash contaminated clothing thoroughly with water before removing it, or wear gloves. Continue to rinse for at least 10 minutes. Get medical attention immediately.
- Eye contact** : Get medical attention immediately. Immediately flush eyes with plenty of water, occasionally lifting the upper and lower eyelids.
- Specific treatments** : Not available.

See section 11 for more detailed information on health effects and symptoms.

5. Fire-fighting measures

- Extinguishing media - Suitable** : In case of fire, use water spray (fog), foam, dry chemical or CO₂. This material is very toxic to aquatic organisms. Fire water contaminated with this material must be contained and prevented from being discharged to any waterway, sewer or drain.
- Extinguishing media - Not suitable** : None known.
- Promptly isolate the scene by removing all persons from the vicinity of the incident if there is a fire. This material is very toxic to aquatic organisms. Fire water contaminated with this material must be contained and prevented from being discharged to any waterway, sewer or drain.
- Special protective equipment for fire-fighters** : Fire-fighters should wear appropriate protective equipment and self-contained breathing apparatus (SCBA) with a full face-piece operated in positive pressure mode.

6. Accidental release measures

- Personal precautions** : Keep unnecessary and unprotected personnel from entering. Do not touch or walk through spilt material. Avoid breathing vapour or mist. Provide adequate ventilation.
- Environmental precautions** : Water polluting material. May be harmful to the environment if released in large quantities.
- Small spill** : Dilute with water and mop up if water-soluble or absorb with an inert dry material and place in an appropriate waste disposal container.
- Large spill** : Prevent entry into sewers, water courses, basements or confined areas. Contain and collect spillage with non-combustible, absorbent material e.g. sand, earth, vermiculite or diatomaceous earth and place in container for disposal according to local regulations (see section 13).

Note: see section 8 for personal protective equipment and section 13 for waste disposal.

7. Handling and storage

- Handling** : Do not get in eyes or on skin or clothing. Do not ingest. Avoid release to the environment. After handling, always wash hands thoroughly with soap and water.
- Storage** : Store in accordance with local regulations. Store in original container protected from direct sunlight in a dry, cool and well-ventilated area, away from incompatible materials (see section 10) and food and drink. Keep container tightly closed and sealed until ready for use.
Store between the following temperatures: 0 and 25°C
- Packaging materials**
- Recommended** : Use original container.

8. Exposure controls/personal protection

<u>Ingredient name</u>	<u>Occupational exposure limits</u>
2-(2-butoxyethoxy)ethanol	EH40/2005 WELs (United Kingdom (UK), 8/2007). STEL: 15 ppm 15 minute(s). TWA: 10 ppm 8 hour(s). STEL: 15 mg/m ³ 15 minute(s). TWA: 10 mg/m ³ 8 hour(s).

Exposure controls

- Respiratory protection (EN 143, 14387)** : A respirator is not needed under normal and intended conditions of product use.
- Hand protection (EN 374)** : 1 - 4 hours : butyl rubber , nitrile rubber
- Eye protection (EN 166)** : Goggles, face shield, or other full-face protection.
- Skin protection (EN 14605)** : Safety apron . Suitable protective footwear.

9. Physical and chemical properties**General information**

- Appearance**
- Physical state** : Liquid.
- Colour** : Yellow.
- Odour** : Fragrance-like.

Important health, safety and environmental information

- pH** : 8.5 to 9.5 (100%)
- Boiling point** : Not available.
- Melting point** : Not available.
- Flash point** : > 100°C
- Flammability (solid, gas)** : Not applicable.
- Explosive properties** : Not applicable.
- Explosion limits** : Not applicable.
- Oxidising properties** : Not available.
- Vapour pressure** : Not applicable.
- Relative density** : 1.019 to 1.029 g/cm³ (20 °C)
- Solubility** : Easily soluble in cold water.
- Octanol/water partition coefficient** : Not applicable.
- Viscosity** : Not available.
- Vapour density** : Not available.
- Evaporation rate (butyl acetate = 1)** : Not applicable.

10. Stability and reactivity

Stability : Stable under normal conditions.
Do not mix with other products.

11. Toxicological information**Potential acute health effects**

Inhalation : The preparation Glucoprotamin 50 was tested for inhalation toxicity according to test method OECD 403. As a result the aerosol inhalation showed a local incompatibility caused by corrosive properties of the formulation, which led to the classification "toxic by inhalation". Other substances with corrosive properties (e.g. alkali or benzalkoniumchloride) would show comparable results under the same test conditions. Due to the non-volatility of this product and no spray application of the concentrate this property does not represent any danger in normal application and thus doesn't need to be indicated according to guideline 67/548/EEC, annex VI, no. 1.4.

Ingestion : Harmful if swallowed. May cause burns to mouth, throat and stomach.

Skin contact : Causes burns.

Eye contact : Causes burns.

Carcinogenicity : No known significant effects or critical hazards.

Mutagenicity : No known significant effects or critical hazards.

Reproductive toxicity : No known significant effects or critical hazards.

12. Ecological information**Ecotoxicity**

R50/53- Very toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment.

Persistence and degradability

The ecological evaluation of the product is based on data from the raw material and/or comparable substances. The total of the organic components contained in the product achieve > 60% BOD/COD or CO₂ liberation, or > 70% DOC reduction in tests for ease of degradability - threshold values for 'readily degradable' (e.g. to OECD method 301). The surfactants contained in the product are biodegradable according to the requirements of the detergent regulation 648/2004/EC

13. Disposal considerations

Methods of disposal : The generation of waste should be avoided or minimised wherever possible. Disposal of this product, solutions and any by-products should at all times comply with the requirements of environmental protection and waste disposal legislation and any regional local authority requirements. Avoid dispersal of spilt material and runoff and contact with soil, waterways, drains and sewers. Can be added to general waste collection after completely emptying. Use packages for recycling only when totally empty.

European waste catalogue (EWC) : 200129*

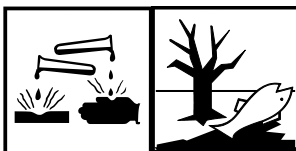
14. Transport information**International transport regulations**

Regulatory information	UN number	Proper shipping name	Class	Packing group	Label
ADR/RID Class	UN3267	CORROSIVE LIQUID, BASIC, ORGANIC, N.O.S. (Glucoprotamin)	8	III	8
IMDG Class	UN3267	CORROSIVE LIQUID, BASIC, ORGANIC, N.O.S. (Glucoprotamin). Marine pollutant	8	III	8

Follow special pack instructions for air transport.

15. Regulatory information**EU regulations**

Hazard symbol/symbols :



Corrosive, Dangerous for the environment

Contains : Glucoprotamin

Risk phrases :

: R22- Harmful if swallowed.
R34- Causes burns.
R50/53- Very toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment.

Safety phrases :

: S2- Keep out of the reach of children.
S26- In case of contact with eyes, rinse immediately with plenty of water and seek medical advice.
S36/37/39- Wear suitable protective clothing, gloves and eye/face protection.
S45- In case of accident or if you feel unwell, seek medical advice immediately (show the label where possible).**National regulations**

The Chemicals (Hazard Information and Packaging for Supply) Regulations.

The Control of Substances Hazardous to Health Regulations.

Health and Safety at Work Act.

16. Other information

Full text of R-phrases referred to in sections 2 and 3 - United Kingdom (UK)

: R26- Very toxic by inhalation.
R22- Harmful if swallowed.
R34- Causes burns.
R36- Irritating to eyes.
R38- Irritating to skin.
R50- Very toxic to aquatic organisms.
R50/53- Very toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment.**History**

Date of printing : 26 July 2010

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Version : 5

Prepared by : Ecolab Regulatory Department Europe

Notice to reader

The above information is believed to be correct with respect to the formula used to manufacture the product in the country of origin. As data, standards, and regulations change, and conditions of use and handling are beyond our control, NO WARRANTY, EXPRESS OR IMPLIED, IS MADE AS TO THE COMPLETENESS OR CONTINUING ACCURACY OF THIS INFORMATION.