

SAFETY DATA SHEET

according to (EG) 1907/2006



Trade name: **GREEN&CLEAN SK**
Date of issue/date of revision: 1.5.2008 / 13.5.2008
Version: 12.01.2009

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1. CHEMICAL PRODUCT AND COMPANY IDENTIFICATION

1.1. Product name:

GREEN&CLEAN SK, Non-alcoholic surface disinfectant (foam) for medical Products (MP)

Effect of preparation:

Disinfecting agent

1.2. Manufacturer:

METASYS Medizintechnik GmbH

Florianistrasse 3, A-6063 Rum near Innsbruck

Tel.: +43-512-20 54 20 0

Fax: +43-512-20 54 20 7

www.metasys.com

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2. POTENTIAL HAZARDS

None known.

3. COMPOSITION/INFORMATION ON INGREDIENTS

3.1. Chemical characterisation:

Preparation from quaternary ammonium compounds, dye stuff, perfume and water.

Hazardous components:

Chemical expression	CAS-No.	Contents (%)	Symbol	R-phrases
Dialkyldimethylammoniumchloride	7173-51-5	< 1%	C	R22, R34, R50
Alkyldimethylethylbenzylammonium-chloride	85409-23-0	< 1%	C	R22, R34, R50
Alkyldimethylbenzylammoniumchloride	68391-01-5	< 1%	C	R22, R34, R50

4. FIRST AID MEASURES

4.1 General instructions:

None.

4.2 Inhalation:

Take fresh air.

4.3 Skin contact:

Wash skin immediately with water and soap. If there are skin reactions, consult a doctor.

4.4 Eye contact:

Rinse immediately with plenty of water. Take medical advice (eye doctor).

4.5 Ingestion:

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Do not stimulate vomiting – danger of suffocation due to foaming ingredients. Take medical advice. Have stomach pumped out immediately. Irreversible damage to the intestine and stomach linings is possible.

5. FIRE-FIGHTING MEASURES

5.1 Suitable extinguishing agents:

Water, water/foam, carbon dioxide extinguishers, halon.

5.2 Unsuitable extinguishing agents:

None known.

5.3 Fire and explosion protection measures:

No special measures necessary.

5.4 Necessary special protection gear:

No special measures necessary.

5.5 Additional information:

None.

6. ACCIDENTAL RELEASE MEASURES

6.1. Personal precautions:

Avoid contact with skin and eyes.

6.2. Environmental precautions:

No special measures necessary.

6.3. Suitable cleaning methods::

If spilled, the product will form a slippery layer on the floor. Soak up the spillage with absorbent material, such as sawdust or oil absorbent, and dispose of it in an appropriate manner to its hazardous nature. Smaller amounts may be wiped up with a cloth and rinsed under running water (Wear rubber gloves).

6.4. Additional information:

None.

7. HANDLING AND STORAGE

7.1. Handling:

no special application.

7.2. Storage:

Store at room temperature.

8. EXPOSURE CONTROLS AND PERSONAL PROTECTION (PPG)

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8.1. Additional engineering measures:

None.

8.2. Specific control parameters:

None.

8.3. Personal protective gear: (PPG):

Respiration protection:	Not applicable.
Hand protection:	Rubber gloves recommended.
Eye protection:	Tight-fitting goggles recommended.
Skin/body protection:	Not applicable.
General measures:	None.

9. PHYSICAL AND CHEMICAL PROPERTIES

9.1. Appearance:

Form: liquid *Colour:* green *Odour:* perfumed

9.2. Changes of physical state:

Boiling point/boiling range: about 96°C

9.3. Flash point:

not flammable

9.4. Ignition point:

not flammable

9.5. Danger of explosion:

Explosion limit: - upper: - lower: -

9.6. Spontaneous combustion:

not applicable

9.7. Vapour pressure:

not applicable

9.8. Density:

0.99 g/ml (cm³)

9.9. Viscosity:

not analyzed

9.10. Solubility:

unlimited solubility

9.11. pH-value:

7.0

9.12. Further information:

none.

10. STABILITY AND REACTIVITY

10.1. Conditions to avoid:

None if handled correctly. Store under 50°C/122°F.

10.2. Materials to avoid:

None known.

10.3. Hazardous decomposition products:

If handled correctly, no decomposition products can develop – neither in case of fire.

10.4. Additional information:

None known.

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11. TOXICOLOGICAL INFORMATION

11.1. Acute toxicity:

*LD*₅₀-oral/Rat: >2000 mg/kg weight

11.2. Practical experiences:

None.

11.3. Additional information:

None.

12. ECOLOGICAL INFORMATION

12.1. Elimination (persistence and degradability):

Raw materials are biologically degradable, corresponding with OECD-guidelines.

12.2. Expected environmental behaviour:

No data available.

12.3. Aquatic toxicity:

Fish

Test method: OECD 203 *LC*₅₀: 0,71 mg/l Duration of test: 96h

Water-endangering class: 1 (self-classification)

12.4. Additional ecological comments:

None.

13. DISPOSAL CONSIDERATION

13.1. Product:

Surface-active mixture.

Waste material code: 07 06 99

13.2. Contaminated packaging:

Must be taken to a suitable waste material incinerator in accordance with the local regulations (Recommendation!).

14. TRANSPORT INFORMATION

14.1. Land transport:

No dangerous goods as defined by the transport regulations.

14.2. Inland waterways:

No dangerous goods as defined by the transport regulations.

14.3. Sea transport:

No dangerous goods as defined by the transport regulations.

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14.4. Air transport:

No dangerous goods as defined by the transport regulations.

14.5. Additional information:

None.

15. REGULATORY INFORMATION

15.1. Labelling according to EC-regulations:

None.

15.2. Further regulations:

The usual precautions for working with liquid chemicals must be taken. (i.g. protection of eyes and skin).

16. ADDITIONAL INFORMATION

The present information is based on our present knowledge and refers to the product as it is delivered. The present information serves to describe our product in terms of safety requirements and therefore does not guarantee certain product properties.