

Safety Data Sheet

according to 1907/2006/EC, Article 31

Printing date 02.09.2011

Revision: 02.09.2011

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

- **Product details**
- **Trade name:** Abformdesinfektion
- **Article number:**
148221
148222
- **Application of the substance / the preparation** Disinfectant
- **Manufacturer/Supplier:**
ORBIS° Dental Handelsgesellschaft mbH
Schuckertstr. 21
D-48153 Münster
Tel.: +49(0)251 / 3226786
Telefax: +49(0) 251 / 7607201
- **Further information obtainable from:** info@orbis-dental.de
- **Information in case of emergency:**
Informationszentrale gegen Vergiftungen der
Universität Bonn (GIZ-Bonn)
Tel.: +49(0) 228 19240
Telefax: +49(0) 228 28733314

2 Hazards identification

- **Hazard description:** Not applicable.
- **Information concerning particular hazards for human and environment:**
The product does not have to be labelled due to the calculation procedure of the "General Classification guideline for preparations of the EU" in the latest valid version.
- **Classification system:**
The classification is according to the latest editions of the EU-lists, and extended by company and literature data.
- **GHS label elements** Void

3 Composition/information on ingredients

- **Chemical characterization**
- **Description:** Mixture of substances listed below with nonhazardous additions.

- **Dangerous components:**

CAS: 68391-01-5 EINECS: 269-919-4	This substance is identified by SDA Substance Name: ☠ C, ☠ Xn; R 22-34 Danger: ☠ 3.1.O/3; ☠ 3.2/1B	≤ 0.5%
CAS: 7173-51-5 EINECS: 230-525-2	didecyldimethylammonium chloride ☠ C, ☠ Xn; R 22-34 Danger: ☠ 3.1.O/3; ☠ 3.2/1B	≤ 0.5%
CAS: 85409-23-0	N-Alkyl(C12-14)-N-ethylbenzyl-N,N-dimethylammoniumchlorid ☠ C, ☠ Xn, ☠ N; R 22-34-50 Danger: ☠ 3.1.O/3; ☠ 3.2/1B Warning: ☠ 4.1.A/1	≤ 0.5%

- **Additional information:** For the wording of the listed risk phrases refer to section 16.

4 First aid measures

- **General information:** No special measures required.
- **After inhalation:** Supply fresh air; consult doctor in case of complaints.
- **After skin contact:** Generally the product does not irritate the skin.
- **After eye contact:** Rinse opened eye for several minutes under running water.

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· **After swallowing:** *If symptoms persist consult doctor.*

5 Fire-fighting measures

- **Suitable extinguishing agents:** *Use fire extinguishing methods suitable to surrounding conditions.*
- **Protective equipment:** *No special measures required.*

6 Accidental release measures

- **Person-related safety precautions:** *Not required.*
- **Measures for environmental protection:** *No special measures required.*
- **Measures for cleaning/collecting:**
Absorb with liquid-binding material (sand, diatomite, acid binders, universal binders, sawdust).
- **Additional information:** *No dangerous substances are released.*

7 Handling and storage

- **Handling:**
- **Information for safe handling:** *No special measures required.*
- **Information about fire - and explosion protection:** *No special measures required.*
- **Storage:**
- **Requirements to be met by storerooms and receptacles:** *No special requirements.*
- **Information about storage in one common storage facility:** *Not required.*
- **Further information about storage conditions:** *None.*

8 Exposure controls/personal protection

- **Additional information about design of technical facilities:** *No further data; see item 7.*
- **Ingredients 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 valid during the making were used as basis.*
- **Personal protective equipment:**
- **General protective and hygienic measures:**
The usual precautionary measures are to be adhered to when handling chemicals.
- **Respiratory protection:** *Not required.*
- **Protection of hands:**
The glove material has to be impermeable and resistant to the product/ the substance/ the preparation.
- **Material of gloves**
The selection of the suitable gloves does not only depend 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 not be calculated in advance and has therefore to be checked prior to the application.
- **Penetration time of glove material**
The exact break through time has to be found out by the manufacturer of the protective gloves and has to be observed.
- **As protection from splashes gloves made of the following materials are suitable:**
Nitrile rubber, NBR
Natural rubber, NR

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· **Eye protection:** Goggles recommended during refilling

9 Physical and chemical properties

· General Information

Form:	Fluid
Colour:	Clear
Odour:	Characteristic

· Change in condition

Melting point/Melting range:	0°C
Boiling point/Boiling range:	100°C

· **Flash point:** > 100°C· **Self-igniting:** Product is not selfigniting.· **Danger of explosion:** Product does not present an explosion hazard.· **Vapour pressure at 20°C:** 23 hPa· **Density at 20°C:** 1 g/cm³· **Solubility in / Miscibility with water:** Not miscible or difficult to mix.· **pH-value at 20°C:** 7

Solvent content:	
Organic solvents:	0.0 %

10 Stability and reactivity

- **Thermal decomposition / conditions to be avoided:** No decomposition if used according to specifications.
- **Dangerous reactions** No dangerous reactions known.
- **Dangerous decomposition products:** No dangerous decomposition products known.

11 Toxicological information

- **Acute toxicity:**
- **Primary irritant effect:**
- **on the skin:** No irritant effect.
- **on the eye:** No irritating effect.
- **Sensitization:** No sensitizing effects known.
- **Additional toxicological information:**

The product is not subject to classification according to the calculation method of the General EU Classification Guidelines for Preparations as issued in the latest version.

When used and handled according to specifications, the product does not have any harmful effects to our experience and the information provided to us.

12 Ecological information

- **Information about elimination (persistence and degradability):**
- **Other information:** The product is biodegradable.
- **General notes:** Water hazard class 1 (German Regulation) (Self-assessment): slightly hazardous for water

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13 Disposal considerations

- **Product:**

- **Recommendation**

Small amounts may be diluted with plenty of water and washed away. Dispose of bigger amounts in accordance with Local Authority requirements.

Smaller quantities can be disposed of with household waste.

- **European waste catalogue**

07 00 00	WASTES FROM ORGANIC CHEMICAL PROCESSES
07 06 00	wastes from the MFSU of fats, grease, soaps, detergents, disinfectants and cosmetics
07 06 99	wastes not otherwise specified

- **Uncleaned packaging:**

- **Recommendation:** *Disposal must be made according to official regulations.*

14 Transport information

- **Maritime transport IMDG:**

- **Marine pollutant:** *No*

- **Transport/Additional information:** *Not dangerous according to the above specifications.*

15 Regulatory information

- **Labelling according to EU guidelines:**

Observe the general safety regulations when handling chemicals.

The product is not subject to identification regulations under EU Directives and the Ordinance on Hazardous Materials (German GefStoffV).

16 Other information

- **Relevant R-phrases**

22 Harmful if swallowed.

34 Causes burns.

50 Very toxic to aquatic organisms.

- **Recommended restriction of use**

Produkt nur für den professionellen Gebrauch.

Die in diesem Sicherheitsdatenblatt enthaltenen Angaben basieren nach unserem besten Wissen und Gewissen auf aktuell verfügbaren Informationen über die korrekte Handhabung des Produktes unter normalen Bedingungen. Eine andere, in diesem Datenblatt nicht enthaltene Verwendung dieses Produktes zusammen mit anderen Prozessen/Verfahren obliegt der alleinigen Verantwortung des Anwenders. Dieses Dokument stellt keine explizite oder implizite Garantie bezüglich Produktqualität oder Eignung für einen bestimmten Zweck dar.

- **Abbreviations and acronyms:**

IMDG: International Maritime Code for Dangerous Goods

GHS: Globally Harmonized System of Classification and Labelling of Chemicals

- *** Data compared to the previous version altered.**

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