

Safety Data Sheet

according to 1907/2006/EC, Article 31

Printing date 22.03.2011

Revision: 22.03.2011

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

- **Product details**
- **Trade name:** Omnipur
- **Application of the substance / the preparation** Disinfectant
- **Manufacturer/Supplier:**
OMNIDENT Dental-Handelsgesellschaft m.b.H.
Gutenbergring 7-9
D- 63110 Rodgau
-
- Fon: +49 (6106) 8 74 - 0
Fax: +49 (6106) 8 74 - 265
Web: www.omnident.de
- **Further information obtainable from:**
Produktmanagement
Fon: +49 (6106) 8 74 - 0
- **Information in case of emergency:**
Notrufnummer: Erreichbar werktags
von 8.00 - 16.30 Uhr
Fon: +49 (6106) 8 74 - 0
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eMail: info@omnident.de

2 Hazards identification

- **Hazard description:**



Xi Irritant

- **Information concerning particular hazards for human and environment:**
The product has to be labelled due to the calculation procedure of the "General Classification guideline for preparations of the EU" in the latest valid version.
R 38 Irritating to skin.
R 36 Irritating to eyes.
- **Classification system:**
The classification is according to the latest editions of the EU-lists, and extended by company and literature data.
- **GHS label elements**



Danger

- 3.3/1 - Causes serious eye damage.
- 3.2/2 - Causes skin irritation.
- **Prevention:**
Wash thoroughly after handling.
Wear protective gloves/protective clothing/eye protection/face protection.
- **Response:**
IF ON SKIN: Wash with plenty of soap and water.
IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
Immediately call a POISON CENTER or doctor/physician.
Specific treatment (see label).
If skin irritation occurs: Get medical advice/attention.
Take off contaminated clothing and wash before reuse.

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

















Trade name: **Omnipur**

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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	2.5-10%
CAS: 7173-51-5 EINECS: 230-525-2	didecyldimethylammonium chloride  C,  Xn; R 22-34 Danger:  3.1.O/3;  3.2/1B	2.5-10%
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	2.5-10%
CAS: 71-23-8 EINECS: 200-746-9	propan-1-ol  Xi,  F; R 11-41-67 Danger:  2.6/2;  3.3/1 Warning:  3.8/3	≤ 2.5%

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

4 First aid measures

- **After inhalation:** In case of unconsciousness place patient stably in side position for transportation.
- **After skin contact:** Immediately wash with water and soap and rinse thoroughly.
- **After eye contact:** Rinse opened eye for several minutes under running water. Then consult a doctor.
- **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:**
Dilute with plenty of water.
Do not allow to enter sewers/ surface or ground water.
- **Measures for cleaning/collecting:**
Absorb with liquid-binding material (sand, diatomite, acid binders, universal binders, sawdust).
Ensure adequate ventilation.

7 Handling and storage

- **Handling:**
- **Information for safe handling:**
Ensure good ventilation/exhaustion at the workplace.
Prevent formation of aerosols.
- **Information about fire - and explosion protection:** No special measures required.
- **Storage:**
- **Requirements to be met by storerooms and receptacles:** No special requirements.

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- **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:**

71-23-8 propan-1-ol

WEL	Short-term value: 625 mg/m ³ , 250 ppm
	Long-term value: 500 mg/m ³ , 200 ppm
	Sk

- **Additional information:** The lists valid during the making were used as basis.

- **Personal protective equipment:**

- **General protective and hygienic measures:**

Keep away from foodstuffs, beverages and feed.

Immediately remove all soiled and contaminated clothing

Wash hands before breaks and at the end of work.

Avoid contact with the skin.

Avoid contact with the eyes and skin.

- **Respiratory protection:**

In case of brief exposure or low pollution use respiratory filter device. In case of intensive or longer exposure use self-contained respiratory protective device.

- **Protection of hands:**



Protective gloves

The glove material has to be impermeable and resistant to the product/ the substance/ the preparation.

Selection of the glove material on consideration of the penetration times, rates of diffusion and the degradation

- **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:** Natural rubber, NR

- **Eye protection:**



Tightly sealed goggles

9 Physical and chemical properties

- **General Information**

Form:	Fluid
Colour:	Clear
Odour:	Product specific

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|--|
| · Change in condition
Melting point/Melting range: Undetermined.
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. |
| · Density at 20°C: 0.986 g/cm ³ |
| · Solubility in / Miscibility with water: Fully miscible. |
| · pH-value at 20°C: < 9 |
| · Solvent content:
Organic solvents: 1.5 % |
| · Solids content: 10 % |

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:** Irritant to skin and mucous membranes.
- **on the eye:** Strong irritant with the danger of severe eye injury.
- **Sensitization:** No sensitizing effects known.
- **Additional toxicological information:**
The product shows the following dangers according to the calculation method of the General EU Classification Guidelines for Preparations as issued in the latest version:
Irritant

12 Ecological information

- **General notes:**
Water hazard class 2 (German Regulation) (Self-assessment): hazardous for water
Do not allow product to reach ground water, water course or sewage system.
Danger to drinking water if even small quantities leak into the ground.

13 Disposal considerations

- **Product:**
- **Recommendation**
Must not be disposed together with household garbage. Do not allow product to reach sewage system.

· 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

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07 06 99 wastes not otherwise specified

- **Uncleaned packaging:**
- **Recommendation:** Disposal must be made according to official regulations.
- **Recommended cleansing agents:** Water, if necessary together with cleansing agents.

14 Transport information

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

15 Regulatory information

- **Labelling according to EU guidelines:**
The product has been classified and marked in accordance with EU Directives / Ordinance on Hazardous Materials.

- **Code letter and hazard designation of product:**

*Xi Irritant*

- **Risk phrases:**
 - 38 Irritating to skin.
 - 36 Irritating to eyes.
- **Safety phrases:**
 - 24 Avoid contact with skin.
 - 25 Avoid contact with eyes.
 - 26 In case of contact with eyes, rinse immediately with plenty of water and seek medical advice.
 - 37 Wear suitable gloves.
 - 39 Wear eye/face protection.
 - 45 In case of accident or if you feel unwell, seek medical advice immediately (show the label where possible).
 - 60 This material and its container must be disposed of as hazardous waste.

* 16 Other information

This information is based on our present knowledge. However, this shall not constitute a guarantee for any specific product features and shall not establish a legally valid contractual relationship.

- **Relevant R-phrases**
 - 11 Highly flammable.
 - 22 Harmful if swallowed.
 - 34 Causes burns.
 - 41 Risk of serious damage to eyes.
 - 50 Very toxic to aquatic organisms.
 - 67 Vapours may cause drowsiness and dizziness.
- **Abbreviations and acronyms:**
GHS: Globally Harmonized System of Classification and Labelling of Chemicals
- *** Data compared to the previous version altered.**