

Safety Data Sheet

according to Regulation (EC) No 1907/2006

Dentalrapid soft SD liquid

Print date: 29.06.2016

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SECTION 1: Identification of the substance/mixture and of the company/undertaking**1.1. Product identifier**

Dentalrapid soft SD liquid

1.2. Relevant identified uses of the substance or mixture and uses advised against**Use of the substance/mixture**

ready-to-use disinfection for wiping

1.3. Details of the supplier of the safety data sheet

Company name:	Müller-Omicron GmbH&Co. KG	
Street:	Schlosserstrasse 1	
Place:	D-51798 Lindlar	
Telephone:	+49 2266 4742 0	Telefax: +49 2266-4742-26
e-mail:	info@mueller-omicron.de	
Contact person:	qualified person	Telephone: +49 (0) 2266-4742-0
e-mail:	sds@mueller-omicron.de	
Internet:	www.mueller-omicron.de	

1.4. Emergency telephone number: Emergency CONTACT (24-Hour-Number): GBK GmbH +49 (0)6132-84463

Further Information

This data sheet replaces the previous sheet.
The sections affected are listed in heading 16.

SECTION 2: Hazards identification**2.1. Classification of the substance or mixture****Regulation (EC) No. 1272/2008**

This mixture is not classified as hazardous according to Regulation (EC) No. 1272/2008.

2.2. Label elements**Additional advice on labelling**

Classification according to Regulation (EC) No 1272/2008 [CLP]

2.3. Other hazards

non-hazardous to water (nwg)

The substances in the mixture do not meet the PBT/vPvB criteria according to REACH, annex XIII.

The components in this formulation do not meet the criteria for classification as PBT or vPvB.

SECTION 3: Composition/information on ingredients**3.2. Mixtures****Chemical characterization**

aqueous mixture of quaternary ammonium compounds

Further Information

Note: The danger characteristics and R-Phrases refer to the properties of the neat substances.

SECTION 4: First aid measures**4.1. Description of first aid measures****General information**

When in doubt or if symptoms are observed, get medical advice.

After inhalation

No special measures are necessary.

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After contact with skin

In case of skin irritation, consult a physician. .

After contact with eyes

Rinse immediately carefully and thoroughly with eye-bath or water. In case of troubles or persistent symptoms, consult an ophthalmologist.

After ingestion

Rinse immediately carefully and thoroughly with eye-bath or water. In case of troubles or persistent symptoms, consult an ophthalmologist.

4.2. Most important symptoms and effects, both acute and delayed

No information available for acute dermal and inhalative toxicity

4.3. Indication of any immediate medical attention and special treatment needed

Treat symptomatically.

If swallowed, immediately drink: Water, to which activated charcoal may be added

In case of contact with eyes, rinse immediately with plenty of water and seek medical advice. rinse thoroughly with physiological saline.

SECTION 5: Firefighting measures**5.1. Extinguishing media****Suitable extinguishing media**

Suitable extinguishing media: Extinguishing powder. Carbon dioxide (CO₂). Foam. Sand. Water.

Unsuitable extinguishing media

High power water jet.

5.2. Special hazards arising from the substance or mixture

In case of fire may be liberated: Carbon monoxide Carbon dioxide (CO₂).

5.3. Advice for firefighters

Use appropriate respiratory protection. In case of fire and/or explosion do not breathe fumes.

Additional information

Collect contaminated fire extinguishing water separately. Do not allow entering drains or surface water.

SECTION 6: Accidental release measures**6.1. Personal precautions, protective equipment and emergency procedures**

Use personal protective equipment as required. See protective measures under point 7 and 8.

6.2. Environmental precautions

Do not allow to enter into surface water or drains. Prevent spread over a wide area (e.g. by containment or oil barriers).

6.3. Methods and material for containment and cleaning up

Treat the recovered material as prescribed in the section on waste disposal.

6.4. Reference to other sections

See protective measures under point 7 and 8. Disposal: see section 13

SECTION 7: Handling and storage**7.1. Precautions for safe handling****Advice on safe handling**

No special handling instructions are necessary.

Advice on protection against fire and explosion

No special precautionary measures are necessary.

7.2. Conditions for safe storage, including any incompatibilities

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Requirements for storage rooms and vessels

Keep container tightly closed in a cool, well-ventilated place.
 Protect against:
 UV-radiation/sunlight.
 frost.

Advice on storage compatibility

Do not store together with:
 Reducing agents.
 Zinc.
 iron.

7.3. Specific end use(s)

No special handling instructions are necessary.

SECTION 8: Exposure controls/personal protection
8.1. Control parameters
8.2. Exposure controls
Appropriate engineering controls

No special measures are necessary.

Protective and hygiene measures

No special measures are necessary.

Eye/face protection

Tightly sealed safety glasses. not required

Hand protection

not required

Skin protection

No special measures are necessary.

Respiratory protection

Provide fresh air. do not spray product.
 Exceeding the limits gas mask filter type A carry (trga 415 note).

Environmental exposure controls

No special measures are necessary.

SECTION 9: Physical and chemical properties
9.1. Information on basic physical and chemical properties

Physical state:	liquid
Colour:	colourless
Odour:	typical

Test method

pH-Value:	app. 7
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Changes in the physical state

Melting point:	not applicable
Initial boiling point and boiling range:	99,97 °C
Sublimation point:	not applicable
Softening point:	not applicable
Pour point:	not applicable
Flash point:	not applicable
Sustaining combustion:	Not sustaining combustion

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Flammability

Solid: not applicable
Gas: not applicable

Lower explosion limits: not applicable

Upper explosion limits: not applicable

Ignition temperature: not applicable

Auto-ignition temperature

Solid: not applicable
Gas: not applicable

Vapour pressure:
(at 20 °C) 23,37 hPaVapour pressure:
(at 50 °C) 123,3 hPaDensity (at 20 °C): 1,00 g/cm³

Water solubility: total

Viscosity / dynamic: low

Flow time: not applicable

9.2. Other information

Solid content: not applicable

SECTION 10: Stability and reactivity**10.1. Reactivity**

The product is stable under storage at normal ambient temperatures.

10.2. Chemical stability

The mixture is chemically stable under recommended conditions of storage, use and temperature.

10.3. Possibility of hazardous reactions

Do not mix with acids.

10.4. Conditions to avoid

Frost Protect from sunlight.
Materials to avoid Acid, concentrated

10.5. Incompatible materials

Keine gefährlichen Reaktionen bekannt.

10.6. Hazardous decomposition products

The product is stable, if used in compliance with instructions No dangerous decomposition products are known

Further information

Keep cool. Protect from sunlight. Exothermic reactions with: Acid.

SECTION 11: Toxicological information**11.1. Information on toxicological effects****Acute toxicity**

Based on available data, the classification criteria are not met.

Irritation and corrosivity

Based on available data, the classification criteria are not met.

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Sensitising effects

Based on available data, the classification criteria are not met.

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Carcinogenic/mutagenic/toxic effects for reproduction

Based on available data, the classification criteria are not met.

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STOT-single exposure

Based on available data, the classification criteria are not met.

STOT-repeated exposure

Based on available data, the classification criteria are not met.

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Aspiration hazard

Based on available data, the classification criteria are not met.

Specific effects in experiment on an animal

There are no data available on the preparation/mixture itself.

Additional information on tests

There are no data available on the preparation/mixture itself.

Practical experience**Observations relevant to classification**

There are no data available on the preparation/mixture itself.

Other observations

There are no data available on the preparation/mixture itself.

Further information

No information available.

SECTION 12: Ecological information**12.1. Toxicity**

Technically correct releases of minimal concentrations to adapted biological sewage treatment facility, will not disturb the biodegradability of activated sludge.

12.2. Persistence and degradability

The surfactants contained in the product are biodegradable according to the requirements of the Detergent Directive 648/2004/EC.

12.3. Bioaccumulative potential

No indication of bioaccumulation potential.

12.4. Mobility in soil

There are no data available on the preparation/mixture itself.

12.5. Results of PBT and vPvB assessment

The substances in the mixture do not meet the PBT/vPvB criteria according to REACH, annex XIII.

12.6. Other adverse effects

Environmental properties

Non-hazardous to water according to VwVwS, Annex 1.

SECTION 13: Disposal considerations**13.1. Waste treatment methods****Advice on disposal**

Dispose of waste according to applicable legislation.

Waste disposal number of waste from residues/unused products

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070699 WASTES FROM ORGANIC CHEMICAL PROCESSES; wastes from the MFSU of fats, grease, soaps, detergents, disinfectants and cosmetics; wastes not otherwise specified

Waste disposal number of used product

070699 WASTES FROM ORGANIC CHEMICAL PROCESSES; wastes from the MFSU of fats, grease, soaps, detergents, disinfectants and cosmetics; wastes not otherwise specified

Contaminated packaging

Completely emptied packings can be re-cycled.

SECTION 14: Transport information**Land transport (ADR/RID)**

14.1. UN number: No dangerous good in sense of this transport regulation.
14.2. UN proper shipping name: No dangerous good in sense of this transport regulation.
14.3. Transport hazard class(es): No dangerous good in sense of this transport regulation.
14.4. Packing group: No dangerous good in sense of this transport regulation.

14.5. Environmental hazards

ENVIRONMENTALLY HAZARDOUS: no

14.6. Special precautions for user

No special handling instructions are necessary.

14.7. Transport in bulk according to Annex II of Marpol and the IBC Code

Not classified for this transport way.

Other applicable information

No information available.

SECTION 15: Regulatory information**15.1. Safety, health and environmental regulations/legislation specific for the substance or mixture****National regulatory information**

Water contaminating class (D): - - not water contaminating

15.2. Chemical safety assessment

Chemical safety assessments for substances in this mixture were not carried out.

SECTION 16: Other information**Changes**

This data sheet contains changes from the previous version in section(s): 1,2,3,4,5,7,8,9,10,11,12,14,15.

Abbreviations and acronyms

ADR: Accord européen sur le transport des marchandises dangereuses par Route (European Agreement concerning the International Carriage of Dangerous Goods by Road)

RID: Règlement international concernant le transport des marchandises dangereuses par chemin de fer (Regulations Concerning the International Transport of Dangerous Goods by Rail)

IMDG: International Maritime Code for Dangerous Goods

IATA: International Air Transport Association

ICAO: International Civil Aviation Organization

P: Marine Pollutant

GHS: Globally Harmonized System of Classification and Labelling of Chemicals

CLP: Classification, Labelling and Packaging (Regulation (EC) No. 1272/2008)

EINECS: European Inventory of Existing Commercial Chemical Substances

CAS: Chemical Abstracts Service (division of the American Chemical Society)

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DNEL: Derived No-Effect Level (REACH)
PNEC: Predicted No-Effect Concentration (REACH)
LC50: Lethal concentration, 50 percent
LD50: Lethal dose, 50 percent

Further Information

Notice the directions for use on the label. The information is based on present level of our knowledge. It does not, however, give assurances of product properties and establishes no contract legal rights.

* Data changed compared with the previous version

(The data for the hazardous ingredients were taken respectively from the last version of the sub-contractor's safety data sheet.)