

**Safety Data Sheet**

according to Regulation (EC) No 1907/2006

**rheodol-Gel plus**

Revision date: 08.05.2019

Product code: 4002

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

rheodol-Gel plus

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

Gel for oral hygiene of tongue, teeth and dental implants

**1.3. Details of the supplier of the safety data sheet**

|                         |  |                            |
|-------------------------|--|----------------------------|
| Company name:           | NW-Chemie GmbH                         |                            |
| Street:                 | Langbaughstr. 15                       |                            |
| Place:                  | D-53842 Troisdorf                      |                            |
| Telephone:              | +49 2241-3923-0                        | Telefax: +49 2241-3923-90  |
| e-mail:                 | info@rheosol.de                        |                            |
| Contact person:         | Dr. Friedrichs (MSDS qualified person) | Telephone: +49 2241-3923-0 |
| e-mail:                 | sicherheit@rheosol.de                  |                            |
| Internet:               | www.rheosol.de                         |                            |
| Responsible Department: | Produktsicherheit                      |                            |

**1.4. Emergency telephone number:** Giftnotruf Berlin (Germany): +49 30 30686 700

**Further Information**

This safety data sheet replaces the former safety data sheet.  
The affected sections are listed in section 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 in accordance with Regulation (EC) No. 1272/2008.

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

Gel of: AQUA, GLYCEROL, ALOE BARBADENSIS, PROPYLENE GLYCOL, COCO-GLUCOSIDE, CARBOMER, SODIUM HYDROXIDE, TETRASODIUM GLUTAMATE DIACE-TATE, SODIUM FLUORIDE, SALIX ALBA BARK EXTRACT

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

No special measures are necessary.

**After inhalation**

No special measures are necessary.

**After contact with skin**

No special measures are necessary.

**After contact with eyes**

Rinse eyes immediately with plenty of water, keep eyelid open. Consult an ophthalmologist if necessary.

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#### After ingestion

Rinse mouth immediately and drink plenty of water.

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

not known

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

Treat symptomatically.

### SECTION 5: Firefighting measures

#### 5.1. Extinguishing media

##### Suitable extinguishing media

waterspray, foam, CO<sub>2</sub>, powder

##### Unsuitable extinguishing media

not known

#### 5.2. Special hazards arising from the substance or mixture

not known

#### 5.3. Advice for firefighters

Adapt extinguishing measures to environment.

### SECTION 6: Accidental release measures

#### 6.1. Personal precautions, protective equipment and emergency procedures

Danger of slipping by leaking/spilling product.

#### 6.2. Environmental precautions

No special measures are necessary.

#### 6.3. Methods and material for containment and cleaning up

No special measures are necessary.

#### 6.4. Reference to other sections

Safe handling: see section 7

Personal protection equipment: see section 8

### SECTION 7: Handling and storage

#### 7.1. Precautions for safe handling

#### 7.2. Conditions for safe storage, including any incompatibilities

### SECTION 8: Exposure controls/personal protection

#### 8.1. Control parameters

##### Exposure limits (EH40)

| CAS No  | Substance      | ppm | mg/m <sup>3</sup> | fibres/ml | Category      | Origin |
|---------|----------------|-----|-------------------|-----------|---------------|--------|
| 56-81-5 | Glycerol, mist | -   | 10                |           | TWA (8 h)     | WEL    |
|         |                | -   | -                 |           | STEL (15 min) | WEL    |

#### 8.2. Exposure controls

##### Protective and hygiene measures

Do not eat, drink or smoke at the workplace.

Wash hands before break and after work.

Protect skin by using skin protective cream.

Keep away from food and drink.

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**Eye/face protection**

not required

**Hand protection**

not required

**Skin protection**

not required

**Respiratory protection**

not required

**Environmental exposure controls**

not required

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

|                      |       |     |
|----------------------|-------|-----|
| Physical state:      | Gel   |     |
| Colour:              | clear |     |
| Odour:               | minty |     |
| pH-Value (at 20 °C): |       | 5-6 |

**Changes in the physical state**

|  |                |
|--|----------------|
| Melting point:                           | not determined |
| Initial boiling point and boiling range: | non-applicable |
| Sublimation point:                       | non-applicable |

**Flammability**

|                         |                |
|-------------------------|----------------|
| Solid:                  | non-applicable |
| Gas:                    | non-applicable |
| Lower explosion limits: | non-applicable |
| Upper explosion limits: | non-applicable |

**Auto-ignition temperature**

|                      |                           |
|----------------------|---------------------------|
| Solid:               | non-applicable            |
| Vapour pressure:     | non-applicable            |
| Vapour pressure:     | non-applicable            |
| Density:             | 0,995-1 g/cm <sup>3</sup> |
| Viscosity / dynamic: | not known                 |

**9.2. Other information****SECTION 10: Stability and reactivity****10.1. Reactivity**

The substance is chemically stable under conventional conditions.

**10.2. Chemical stability**

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

**10.3. Possibility of hazardous reactions**

not known

**10.4. Conditions to avoid**

not known

**10.5. Incompatible materials**

No dangerous reactions are known.

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**10.6. Hazardous decomposition products**

No dangerous decomposition products are known

**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.

**Sensitising effects**

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

**Carcinogenic/mutagenic/toxic effects for reproduction**

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

**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.

**Aspiration hazard**

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

**Specific effects in experiment on an animal**

No information available.

**Practical experience****Observations relevant to classification**

No information available.

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

Test not required.

**12.2. Persistence and degradability**

Product is biodegradable.

**12.3. Bioaccumulative potential**

No indication of bioaccumulation potential.

**12.4. Mobility in soil**

not known

**12.5. Results of PBT and vPvB assessment**

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

**12.6. Other adverse effects**

not known

**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**

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

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#### 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.

##### Inland waterways transport (ADN)

- 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.

##### Marine transport (IMDG)

- 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.

##### Air transport (ICAO-TI/IATA-DGR)

- 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 dangerous good in sense of this transport regulation.

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

No dangerous good in sense of this transport regulation.

#### 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

1

##### 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

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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)

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. @N16.P000001

The above information describes exclusively the safety requirements of the product and is based on our present-day knowledge. The information is intended to give you advice about the safe handling of the product named in this safety data sheet, for storage, processing, transport and disposal. The information cannot be transferred to other products. In the case of mixing the product with other products or in the case of processing, the information on this safety data sheet is not necessarily valid for the new made-up material.

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