

# Safety data sheet in accordance with regulation (EC) no. 1907/2006 (amended by regulation (EU) Nr. 453/2010)

Date of issue: 23.04.2015  
Date of revision: 29.12.20  
Valid from: 29.12.20  
Version: 4

Debubblizer-Pro 03-2400 (1000 ml),  
03-2410 (100 ml)

Replaces version: 3

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## **Section 1: Identification of the substance/mixture and of the company**

### **1.1 Product Identifier**

Substances: dilution of propylene glycol in water  
Index-no.: n.a.  
EINECS: 200-338-0  
CAS-no.: 57-55-6  
REACH-registration no.: void

**Other means or identification:** not determined

### **1.2 Relevant identified uses of the substance or mixture and uses advised against**

Relevant identified uses:

Surface tension releasing agent for dental wax objects and silicone impressions - for use in dental labs

Uses advised against:

Should not be used outside a dental lab.

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

**Supplier:**

al dente Dentalprodukte GmbH

**Street:**

Borsigstr. 1

**Address / zip-code / town:**

D-38644 Goslar

**Information contact:**

+49 (0) 5321-80031

**Phone / Fax / Email:**

+49 (0)5321-80031 / +49 (0)5321-50881 / E-Mail: info@aldente.de

### **1.4 Emergency Telephone Number:**

+49 (0) 171 8637790

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## **Section 2: Hazards identification:**

### **2.1 Classification of the substance or mixture:**

Classification according to regulation (EC) no. 1272/2008 (CLP)

No hazardous substance – mixture with water < 5% - NOT classified according to above regulation.

No H- and P-statements

### **2.2 Label Elements**

**Labelling according to regulation (EC) no. 1272/2008 (CLP/GHS)**

No hazardous substance or mixture according to regulation (EC) no. 1272/2008 (CLP)

**Hazard pictograms:** none

**Signal word / hazard designation:** none

**Hazardous component(s) for labelling:** none

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**Hazard statements:** void

**Precautionary statements:** void

**Supplemental Hazard information (EU):** void

### 2.3 Other Hazards:

No supplementary information available.

## SECTION 3: Composition/information on ingredients

### 3.1 Substances

This product is a mixture

### 3.2 Mixtures

Description of the mixture:

EINECS: 200-338-0 CAS-no.: 57-55-6 Index-no.: n.a. REACH-registration no.: void

Content ration: <5 %

Classification according to regulation (EC) no. 1272/2008 (CLP): not classified

## Section 4: First aid measures

### 4.1 Description of first aid measures:

In general: take off contaminated clothing

#### Following inhalation:

void

#### Following skin contact:

Wash with water and soap.

#### Following eye contact:

Rinse eyes with current water.

#### Following ingestion:

Rinse mouth, drink water. If discomfort persists consult a doctor.

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

Not determined

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

Notes for the doctor: not determined

Special treatment: not determined

## Section 5: Firefighting measures

### 5.1 Extinguishing media

Suitable: not applicable

Unsuitable: not applicable

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

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### 5.3 Advice for fire-fighters

Not applicable

## Section 6: Accidental release measures

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

**For non-emergency personnel**

Not applicable

**For emergency responders**

Personal protective equipment: not applicable

### 6.2 Environmental precautions

Prevent the liquids from ingressing into surface water or drains.

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

Absorb with liquid binding material (sand, universal binding material) and dispose of in domestic waste.

### 6.4 Reference to other sections

none

## Section 7: Handling and storage

### 7.1 Precautions for safe handling

**Fire preventions:**

Not applicable.

**Aerosol and dust generation preventions:**

Not determined

**Environmental precautions:**

Do not allow to reach the drain system

**Advice on general occupational hygiene:**

Follow the advice on general occupational hygiene, when dealing with chemicals, keep away from food, don't smoke.

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

**Storage conditions**

Store away from excessive heat, tightly closed. Keep away from food.

**Requirements for storage rooms and vessels**

No special storing conditions necessary.

**Storage class:** (LGK) (VCI)

none

### 7.3 Specific end uses

**Sector specific guidelines: dental laboratories**

Except for the applications mentioned in section 1.2 there are no other specific end applications provided.

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## Section 8: Exposure controls / personal protection

### 8.1 Control parameters

#### Occupational exposure limits

Mixture: dilution of propylene glycol in water ; CAS-no. : 57-55-6  
Specification : none  
Limit value type (country (AGW): not applicable  
of origin) :  
Peak limitation: Not applicable  
Toxic to reproduction: Not applicable  
Source (TRGS) Not determined

### 8.2 Exposure controls

#### Appropriate engineering controls

#### Personal protective equipment

##### Eye / face protection



Wear tight fitting goggles

##### Skin protection

##### Hand protection



##### Body protection

Wear adequate working clothes.

##### Respiratory protection

Not applicable

##### Thermal hazards

Not applicable

##### Environmental exposure controls

Not determined

## Section 9: Physical and chemical properties

### 9.1 Information on basic physical and chemical properties:

Physical state:

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- Aggregate state:	Liquid
- colour :	transparent
Odour :	none
Odour threshold :	No data available
pH-value:	n.d.
Melting point / freezing point :	n.a.
Initial boiling point/boiling range :	100 °C
Flash point:	none
Evaporation rate :	No data available
Flammability:	n.a.
Upper/lower explosive limits	n.a.
Vapour pressure :	n.a.
Vapour density:	n.a.
Relative density:	n.a.
Solubility:	Unlimited miscibility
Partition coefficient: n-octanol/water:	n.a.
Auto-ignition temperature:	No auto-ignition
Decomposition temperature:	No data available
Viscosity:	n.a.
explosive properties:	Not classified as explosive
Oxidising properties:	none

### 9.2 Other information

#### Physical hazards

**Explosives** There are no further data available

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### Section 10: Stability and reactivity

#### 10.1 Reactivity:

none

#### 10.2 Chemical stability:

Not applicable

#### 10.3 Possibility of hazardous reactions:

Not applicable

#### 10.4 Conditions to avoid:

Not applicable

#### 10.5 Incompatible materials:

Not applicable

#### 10.6 Hazardous decomposition products:

Not applicable

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### Section 11: Toxicological information

#### 11.1 Information on toxicological effects

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### Acute toxicity

None

### Skin irritation

None

### Eye irritation

Result rabbit: no eye irritation

OECD test guideline 405

### Sensitisation to the respiratory tract / skin

Test on sensitisation (Magnusson und Kligman):

Result: negative

Germ cell mutagenicity

Genotoxicity in vitro

Ames test Salmonella typhimurium

Result: negative

Method: OECD test guideline 471

Carcinogenicity

No information available

Reproductive toxicity

No information available

### Specific target organ toxicity (single exposure)

No information available

### Specific target organ toxicity (repeated exposure)

No information available

### Aspiration hazard

No information available

### Symptoms related to the physical, chemical and toxicological characteristics:

In case of ingestion: none

In case of skin contact: none

In case of inhalation: not applicable

In case of eye contact: none

Systemic effect: none

Follow the usual instructions when dealing with chemicals.

## Section 12: Ecological information

### 12.1 Toxicity

No information available

### 12.2 Persistence and degradability

Easily biodegradable.

### 12.3 Bioaccumulative potential

Bioaccumulation is not to be expected.

### 12.4 Mobility in soil

No information available

### 12.5 Results of PBT- and vPvB assessment

This substance does not meet the PBT or vPvB criteria according to the regulation (EC) no. 1907/2006, annex XIII.

### 12.6 Other adverse effects

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No environmental problems can be expected when handled and used properly. Leakage into the environment is to be prevented.

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### **Section 13: Disposal considerations**

#### **13.1 Waste treatment methods**

##### **Contaminated packaging disposal**

Containers are to be treated as the product itself. 150110 (AVV)

**Waste codes / waste designations according to EWC / AVV:** 160506 (AVV)

**Special precautions:** none

##### **Other relevant provisions for waste treatment national or EC**

Waste directive 2008/98/EC has to be observed.

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### **Section 14: Transport information**

**14.1 UN-no.:** none

#### **14.2 UN proper shipping name**

##### **ADR/RID**

Not applicable

##### **IMDG-Code / ICAO-TI / IATA-DGR**

Not applicable

**14.3 Transport hazard class(es) / hazard labels:** none

**14.4 Packing group:** none

#### **14.5 Environmental hazards**

##### **Environmentally hazardous substance marking**

ADR/RID / IMDG-Code / ICAO-TI / IATA-DGR:  yes / XXX no

Marine Pollutant:  yes / XXX no

**14.6 Special precautions for user:** none

#### **14.7 Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code**

Pollution category (X, Y or Z) :

Type of ship (1, 2 or 3) : not relevant

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### **Section 15: Regulatory information**

#### **15.1 Safety, health and environmental regulations/legislation specific for the substance or mixture**

**EU-regulations, e.g.:**

**Directive / EC) no. 2037/2000 (substances that deplete the ozone layer):** not regulated

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**Directive (EC) no. 850/2004 (persistent organic pollutants):** Not regulated

**Directive (EC) no. 689/2008 (export and import of dangerous chemicals):** not regulated

**Directive (EC) no. 648/2004 (detergent regulation):** not regulated

**Restrictions in accordance with title VIII of the Regulation (EC) no. 1907/2006:**

This product does not contain any ingredients of very high concern according to REACH EC no. 1907/2006, Art. 57 low concentration limit of  $\geq 0,1 \%$  (w/w).

**National regulations, e.g.:**

**Water hazard class:** not applicable

**Technical instructions on Air Quality Control (TA-Luft)**

Not regulated

**Other relevant regulations:** none

### 15.2 Chemical safety assessment

No chemical safety assessment has been necessary on this mixture.

### Section 16: Other information

**Indication of changes**

Adaption to the classification and labelling according to directive (EC) no. 1272/2008

Section 1: Emergency phone number.

**Abbreviations and acronyms**

n.a. Not applicable

n.d. Not determined

**Key literature references and sources for data**

Gestis substance data base - <http://gestis.itrust.de/>

Federal Agency for Industrial Health and Safety – [www.baua.de](http://www.baua.de)

**Classification for mixtures and used evaluation method according to regulation (EC) 1207/2008 [CLP]:**

**Relevant R-, H- and EUH-phrases (number and full text):** Not applicable for this mixture.

**Training advice**

Provide adequate information, instruction and training for operators / technicians using this product.

**Further information**

This information is based on our present state of knowledge. It should therefore not be construed as guaranteeing specific properties of the products described or their suitability for a particular application. We do not take any responsibility for possible sources of errors or sufficiency of this document. The user of the product accepts the sole responsibility to adhere to all herein mentioned regulations. It is the user's obligation to read this document carefully.