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## **Ceramic mixing liquid**

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

- 1.1 Product identifier**  
**Commercial product name:** Ceramic mixing liquid
- 1.2 Relevant identified uses of the substance or mixture and uses advised against**  
**Relevant identified uses:** Auxiliary material for dental technology
- 1.3 Details of the supplier of the safety data sheet**  
**Manufacturer/Supplier:** al dente Dentalprodukte GmbH  
**Street / mailbox:** Borsigstr. 1  
**Country code. / postal code / city:** D - 38644 Goslar  
**Phone:** 0 53 21 / 80031  
**Fax:** 0 53 21 / 50881  
**E-mail / Website:** [info@aldente.de](mailto:info@aldente.de) / [www.aldente.de](http://www.aldente.de)  
**Further information obtainable from:** al dente Dentalprodukte GmbH
- 1.4 Emergency telephone number**  
**al dente Dentalprodukte GmbH:** +49 (0) 53 21 / 80031 (Mon-Fri. 8 a.m. – 4 p.m.)

### **SECTION 2: Hazards identification**

- 2.1 Hazard designation:** Not applicable.
- 2.2 Special hazard warnings for people and environment:** The product is not subject to labelling due to the calculation procedure of the "General Classification guideline for production of the EC" in the latest valid version.
- 2.4 Classification system:** The classification corresponds to the current EC lists, but is supplemented by information from technical literature and company data.

### **SECTION 3: Composition/information on ingredients**

- 3.1 Substance:** This product is a mixture of different ingredients.
- 3.2 Mixed ingredients:** Mixture of water, alcohol and chloride  
**Description:** This product is not a dangerous preparation according to Directive 67/548/EEC. Mixture of substances listed below.
- Dangerous ingredients:** CAS Nr. 107-88-0 < 5 % alcohol  
CAS Nr. 7646-85-7 < 0.3 % chloride
- Additional notes:** The wording of the listed hazard statements can be found in chapter 16.

### **SECTION 4: First aid measures**

- 4.1 General information:** No special measures required.
- After inhalation:** Supply fresh air. In case of respiratory irritation by the product: Seek medical attention.
- After skin contact:** Rinse with warm water.
- After eye contact:** Rinse opened eye for several minutes under running water. Consult a doctor if symptoms persist.
- After ingestion:** Seek medical advice immediately.

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### **SECTION 5: Firefighting measures**

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|---|---|
| <b>5.1 Suitable extinguishing media:</b>  | CO <sub>2</sub> , extinguishing powder or water spray. Fight larger fires with Water spray or alcohol-resistant foam. |
| <b>5.2 Special hazards arising from the substance, its products of combustion or resulting gases:</b> | Under certain fire conditions, traces of other toxic substances cannot be excluded.                                   |
| <b>5.3 Special protective equipment:</b>  | Avoid skin contact by wearing suitable protective clothing and by keeping safety distance.                            |

### **SECTION 6: Accidental release measures**

- |   |   |
|---|---|
| <b>6.1 Personal precautions:</b>              | Particular risk of slipping due to leaked/spilled product.  |
| <b>6.2 Environmental protection measures:</b> | Dilute with plenty of water.  |
| <b>6.3 Procedure for cleaning/absorption:</b> | Absorb with liquid-binding material (sand, diatomaceous earth, acid binder, universal binder, sawdust). |
| <b>6.4 Additional notes:</b>                  | Does not release hazardous substances.  |

### **SECTION 7: Handling and storage**

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|---|--|
| <b>7.1 Protective measures for safe handling:</b>     | No special measures required.  |
| <b>Information on fire and explosion protection:</b>  | No special measures required.  |
| <b>7.2 Storage:</b>                                   |  |
| <b>Requirements for storage rooms and containers:</b> | No special requirements.   |
| <b>Combined storage instructions:</b>                 | None required.   |
| <b>Further information on storage conditions:</b>     | None   |
| <b>Storage class:</b>                                 | Classification according to the Ordinance on Industrial Safety and Health. |

### **SECTION 8: Exposure controls/personal protection**

- |   |  |
|---|--|
| <b>8.1 Additional notes on the design of Additional notes on the design of</b>    | No further details, see point 7.   |
| <b>Components with limit values to be monitored in relation to the workplace:</b> | The product does not contain any relevant quantities of such components.                       |
| <b>Additional notes:</b>  | The lists valid at the time of the revision served as a basis.                                 |
| <b>8.2 Personal protective equipment:</b>   |  |
| <b>General protective and hygiene measures:</b>                                   | The usual precautionary measures when handling chemicals must be observed.                     |
| <b>Respiratory protection:</b>  | Not required.  |
| <b>Hand protection:</b>   | The glove material must be impermeable and resistant to the product / substance / preparation. |

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**Glove material:**

The selection of a suitable glove depends not only on the material, but also on other quality characteristics and varies from manufacturer to manufacturer.

**Breakthrough time of glove material:**

The exact breakthrough time must be requested from the protective glove manufacturer and must be observed.



**Eye Protection:**

Safety goggles recommended for decanting.



### SECTION 9: Physical and chemical properties

#### General information on basic physical and chemical properties

9.1	<b>Appearance:</b>	colourless liquid
	<b>Form:</b>	liquid
	<b>Colour:</b>	transparent
	<b>Odour:</b>	odourless
9.2	<b>Change of aggregate state</b>	
	<b>Melting point/range:</b>	Unknown.
	<b>Boiling point/range:</b>	Unknown.
	<b>Auto-flammability:</b>	The product is not self-igniting.
	<b>Explosion hazard:</b>	The product is not explosive.
	<b>Density at 20°C:</b>	1 g/cm <sup>3</sup>
	<b>Solubility in / Miscibility with water:</b>	Fully miscible.
	<b>pH value at 20°C:</b>	5
	<b>Solvent content:</b>	
	<b>Organic solvents:</b>	0,0%
	<b>Flashpoint:</b>	Not applicable.

### SECTION 10: Stability and reactivity

10.1	<b>Thermal decomposition / Conditions to avoid:</b>	No decomposition when used as intended.
10.2	<b>Dangerous reactions:</b>	No dangerous reactions known.
10.3	<b>Hazardous decomposition products:</b>	No hazardous decomposition products known.

### SECTION 11: Toxicological information

11.1	<b>Information on toxicological effects:</b>	There are no toxicological findings available for the mixture and no acute toxicity is known.
11.2	<b>Primary irritant effect:</b>	
	<b>on skin:</b>	No irritant effect known.
	<b>on eyes:</b>	No irritant effect known.
	<b>Sensitisation:</b>	The mixture is not classified. It does not contain substances classified as sensitising.

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**11.3 Additional toxicological information:** The product is not subject to labelling due to the calculation procedure of the General Classification guideline for preparations of the EC in the latest valid version. When handled appropriately and used as intended, the product does not cause any health hazards according to our experience and the information available to us.

### SECTION 12: Ecological information

**12.1 General information:** Water hazard class 1 (self-classification), slightly hazardous for water

**12.2 Other adverse effects:** no data available

### SECTION 13: Disposal considerations

**13.1 Recommendation:** Small amounts can be diluted with plenty of water and rinsed away. Larger quantities are to be disposed of in accordance with local official regulations.

**13.2 Packaging recommendation:** The packaging can be reused or recycled after cleaning.

**13.3 Recommended cleaning agent:** Water, if necessary with the addition of cleaning agents.

### SECTION 14: Transport information

**14.1 Land transport ADR/RID and GGVS/GGVE(cross-border/domestic):** -

**14.2 ADR/RID-GGVS/E class:** -

**14.3 Sea transport IMDG/GGV:** -

**14.4 IMDG/GGV Sea class:** -

**14.5 Marine pollutant:** No

**14.6 Air transport ICAO-TI and IATA-DGR:** -

**14.7 ICAO/IATA-class:** -

### SECTION 15: Regulatory information

**15.1 Marking according to EEC directives:** The usual precautionary measures for handling chemicals must be observed. The product is not subject to classification according to EC directives.

**15.2 National regulations: Classification according to the German Ordinance on Industrial Safety and Health :**

**15.3 The mixture has not been subjected to a safety assessment.**

### SECTION 16: Other information

**16.1** The information is based on the current state of our knowledge, but does not constitute a warranty of product characteristics and does not establish a contractual legal relationship.

**EU – Safety Data Sheet**  
according to Regulation (EC) No. 1907/2006 (REACH)



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