

# Material Safety Data Sheet

## according to Regulation (EU) 2015/830

Revision:02

Revision Date: 2024-09-09

Print Date : 2018-12-20



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

#### 1.1. Product identifier

**Product Name:** Glass Ionomer Liquid

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

[SU22] Professional uses: Public domain (administration, education, entertainment, services, craftsmen); [SU20] Health services; [PC19] Intermediate; [PROC5] Mixing or blending in batch processes for formulation of preparations and articles (multistage and/or significant contact);

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

**Company Name:** President Dental GmbH

**Street:** Kesselbodenstrasse 5

**Zip-Code / Town:** 85391, Allershausen

**Web:** www.presidentdental.com

**Contact for technical information:** +49 8166 389 9 820

**Phone / Fax / E-Mail:** +49 8166 389 9 820 / +49 8166 389 9 821 / info@presidentdental.com

#### 1.4. Emergency Telephone Number

+49 89 127 660 (8.00 am – 4.30 pm Mon-Fri)

### SECTION 2: Hazards identification

#### 2.1. Classification of the substance or mixture

<b>Main hazards :</b>	No Significant Hazard
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#### 2.2. Label Elements

<b>Risk phrases :</b>	No Significant Hazard
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#### 2.3. Other Hazards

<b>Other Hazards :</b>	No Significant Hazard
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#### Further Information

Medical devices as defined in Directive 93/42/EEC and which are invasive or used in direct physical contact with the human body, are exempted from the provisions of regulation (EC) No 1272/2008 (CLP/GHS) usually if they are in the finished state and intended for the final user.
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### SECTION 3: Composition/information on ingredients

#### EC 1272/20085

Chemical Name	Index No.	CAS No.	EC No.	Reach Registration Number	Conc. (%w/w)	Classification	M-Factor
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Acrylic Acid Polymer latex		9003-01-4			30-40%		
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### SECTION 4: First aid measures

#### 4.1. Description of first aid measures

Inhalation	Move the exposed person to fresh air.
Eye Contact:	Rinse immediately with plenty of water for 15 minutes holding the eyelids open. Seek medical attention if irritation or symptoms persist.
Skin Contact:	Wash off immediately with plenty of soap and water. Remove contaminated clothing. Seek medical attention if irritation or symptoms persist.
Ingestion	DO NOT INDUCE VOMITING. Seek medical attention if irritation or symptoms persist.

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

Inhalation	May cause irritation to mucous membranes.
Eye Contact:	May cause irritation to eyes.
Skin Contact:	May cause irritation to skin.
Ingestion	May cause irritation to mucous membranes.

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

	If you feel unwell, seek medical advice (Show the label where possible)
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### SECTION 5: Fire Fighting Measures

#### 6.3. Extinguishing media

	Use extinguishing media appropriate to the surrounding fire conditions.
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#### 6.3. Special Hazards arising from the substance or mixture

	Burning produces irritating, toxic and obnoxious fumes.
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#### 6.3. Advice for firefighters

	Wear suitable respiratory equipment when necessary.
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### SECTION 6: Accidental release measures

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

Ensure adequate ventilation of the working area

### 6.2 Environmental precautions

Do not allow product to enter drains prevent further spillage if safe.

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

Sweep up. Transfer to suitable, labelled containers for disposal. Clean spillage area thoroughly with plenty of water.

### 6.4. Reference to other sections

SECTION 13: Disposal considerations.

## SECTION 7: Handling and storage

### 7.1. Precautions for safe handling

Avoid contact with eyes and skin. Ensure adequate ventilation of working area. Adopt best Manual Handling considerations when handling, carrying and dispensing.

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

Keep in a cool, dry, well ventilated area. Keep containers tightly closed. Store in correctly labelled containers.

### 7.3. Specific and use(s)

Not applicable

## SECTION 8: Exposure controls/personal protection

### 8.2. Exposure Control

8.2.1 Appropriate engineering controls  
8.2.2. Individual protection measures Eye / face protection – Hand Protection



Ensure adequate ventilation of the working area.

Wear protective clothing.

Approved safety goggles.

Chemical resistance gloves.

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### SECTION 9: Physical and chemical properties

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

Appearance	Viscous Liquid
Colour	Clear/Colourless
Odour	Slight/Odourless
Odour Threshold	No data available
pH	< 3
Melting Point	No data available
Freezing Point	No data available
Initial Boiling Point	No data available
Flash Point	No data available
Evaporation Rate	No data available
Flammability (solid,gas)	No data available
Vapour Pressure	No data available
Vapour Density	No data available
Relative Density	No data available
Fat Solubility	No data available
Partition Coefficient	No data available
Autoignition Temperature	No data available
Viscosity	No data available
Explosive Properties	No data available
Oxidising Properties	No data available
Solubility	No data available

#### 9.2. Other Information

Conductivity	No data available
Surface Tension	No data available
Gas Group	No data available
Benzene Content	No data available
Lead Content	No data available
VOC (Volatile organic compounds)	No data available

### SECTION 10: Stability and reactivity

#### 10.1. Reactivity

Keep in a cool, dry, well ventilated area. Keep containers tightly closed. Store in correctly labelled containers.
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#### 10.2. Chemical Stability

Stable under normal conditions
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### 10.3. Possibility of Hazardous Reactions

No data available

### 10.4. Conditions to avoid

Heat

### 10.5 Incompatibles materials

Strong acids. Strong bases.

### 10.6. Hazardous decomposition products

Carbon dioxide (CO<sub>2</sub>)

## SECTION 11: Toxicological information

### 11.1. Information on toxicological effects

Acute toxicity	Harmful in contact with skin and if swallowed
Skin corrosion/irritation	CAUSE SKIN IRRITATION
Respiratory or skin Sensitation	No data is available on this product
Germ cell mutagenicity	No mutagenic effects reported
Carcinogenicity	No carcinogenic effects reported
Reproductive toxicity	No teratogenic effects reported.
Aspiration hazard	Harmful if swallowed or if inhaled
Repeated or prolonged exposure	Corrosive and Irritant Effects

### Further Information

No data is available on this product

## SECTION 12: Ecological information

### 12.2. Persistence and degradability

No data is available on this product

### 12.3. Bioaccumulative potential

No data is available on this product

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### Partion Coefficient

	Glass Ionomer Liquid No data available
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### 12.4. Mobility in Soil

	No data available
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### 12.5. Results of PBT and vPvB assessment

	None
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### 12.6. Other adverse effects

	No data is available on this product.
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## SECTION 13: Disposal Considerations

### 13.1. Waste Treatment methods

	Dispose of in compliance with all local and national regulations.
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### 13.2. General Information

	18 WASTES FROM HUMAN OR ANIMAL HEALTH CARE AND/OR RELATED RESEARCH (except kitchen and restaurant wastes not arising from immediate health care)
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### 13.3. Disposal Method

	For disposal within the EC, The appropriate code according to the European Waste Catalogue (EWC) should be used.
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### 13.4. Disposal of packaging

	Do NOT reuse empty containers. Empty containers can be sent for disposal or recycling.
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## SECTION 14: Transport information

### 14.1 UN number

	The product is not classified as dangerous for carriage
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### 14.2. UN proper shipping name

	The product is not classified as dangerous for carriage
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### 14.3. Transport hazard class(es)

	The product is not classified as dangerous for carriage
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### 14.4. Packing Group

	The product is not classified as dangerous for carriage
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### 14.5. Environmental hazards

	The product is not classified as dangerous for carriage
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### 14.6. Special precautions for user

	The product is not classified as dangerous for carriage Not applicable
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### 14.7. Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code

	The product is not classified as dangerous for carriage The product is not classified as dangerous for carriage
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## SECTION 15: Regulatory information

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

	No data available
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### 15.2. Chemical safety assessment

	No data available on this product.
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## SECTION 16: Other information

### Other Information

Revision	This document differs from the previous version in the following areas; 8-Skin Protection-Handprotection 8-Eye/Face protection 9- 9.1. Information on basic physical and chemical properties (PH) 9- 9.1. Information on basic physical and chemical properties (Initial Boiling Point) 9- 9.1. Information on basic physical and chemical properties (Melting Point) 9- 9.1. Information on basic physical and chemical properties (Flash Point) 9- 9.1. Information on basic physical and chemical properties (Flammability (solid, gas)) 9- 9.1. Information on basic physical and chemical properties (Autoignition temperature) 9- 9.1. Information on basic physical and chemical properties (Explosive properties)
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	9- 9.1. Information on basic physical and chemical properties (Oxidising Properties)
	9- 9.1. Information on basic physical and chemical properties (Vapour Pressure)
	9- 9.1. Information on basic physical and chemical properties (Relative density)
	9- 9.1. Information on basic physical and chemical properties (Viscosity)
	9- 9.1. Information on basic physical and chemical properties (Vapour density)
	9- 9.1. Information on basic physical and chemical properties (Evaporation rate)
	9- 9.1. Information on basic physical and chemical properties (Freezing Point)
	9- 9.1. Information on basic physical and chemical properties (Fat Solubility)
	9- 9.1. Information on basic physical and chemical properties (Solubility)
	9- 9.1. Information on basic physical and chemical properties (Odour threshold)
	9- 9.2. Other Information (Conductivity)
	9- 9.2. Other Information (Partition coefficient)
	9- 9.2. Other Information (Gas group)
	9- 9.2. Other Information (Surface tension)
	9- 9.2. Other Information (Benzene Content)
	9- 9.2. Other Information (Product Subcategory)
	9- 9.2. Other Information (Lead Content)
	11- 11.1.4 Toxicology Information,
	11- Acute toxicity
	11- Skin corrosion/irritation
	11- Respiratory or skin sensitisation
	11- Repeated or prolonged exposure
	11- Germ cell mutagenicity
	11- Carcinogenicity
	11- Reproductive toxicity
	11- Aspiration hazard
	12-12.1. Toxicity
	13- General Information
	16- Maximum content of VOC

### Further Information

	The information supplied in this Safety Data Sheet is designed only as guidance for the safe use, storage and handling of the product. This information is correct to the best of our knowledge and belief at the date of publication however no guarantee is made to its accuracy. This information relates only to the specific material designated and may not be valid for such material used in combination with any other materials or in any other process.
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