

Safety Data Sheet

According to 29CFR 1910.1200 OSHA Hazard Communication Standard (HCS 2024) and the Hazardous Products Regulation (WHMIS 2015 rev 2022)
Issue date: 07/17/2026

SECTION 1 Identification

1.1. Product identifier

Product form : Mixture
Trade name : Glu/Sense™ Dentin Pre-Treatment Desensitizer Gel
Product code : 310122

1.2. Other means of identification

No additional information available

1.3. Recommended use of the chemical and restrictions on use

Recommended use : Dental product
Restrictions on use : For professional use only

1.4. Supplier's details

Centrix, Inc.
770 River Road
Shelton, CT 06484
T (203) 929-5582
csorders@centrixdental.com - www.centrixdental.com

1.5. Emergency phone number

Emergency number : (800) 235-5862

SECTION 2 Hazard Identification

2.1. Classification of the substance or mixture

GHS US classification

Eye Irritation, Category 2B	H320	Causes eye irritation
Skin corrosion/irritation, Category 2	H315	Causes skin irritation
Skin sensitization, Category 1	H317	May cause an allergic skin reaction

Full text of H statements : see section 16

2.2. Label elements

GHS US labeling

Hazard pictograms (GHS US)



Signal word (GHS US)	: Warning
Hazard statements (GHS US)	: H320 – Causes eye irritation H315 - Causes skin irritation H317 - May cause an allergic skin reaction
Precautionary statements (GHS US)	: P264 – Wash hands thoroughly after handling. P280 – Wear protective gloves/protective clothing/eye protection/face protection. P305+P351+P338 - IF IN EYES, rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. P261 – Avoid breathing dust/fume/gas/mist/vapors/spray.

Safety Data Sheet

According to 29CFR 1910.1200 OSHA Hazard Communication Standard (HCS 2024) and the Hazardous Products Regulation (WHMIS 2015 rev 2022)
Issue date: 07/17/2026

P272 – Contaminated work clothing should not be allowed out of workplace.
P302+P352 - If on skin (or hair): Take off immediately all contaminated clothing. Rinse skin with water/shower.
P333+P313 - If skin irritation or rash occurs: Get medical advice or attention.
P362 - Take off contaminated clothing and wash it before reuse.

2.3. Hazards associated with known or reasonably anticipated uses

No additional information available

2.4. Hazards not otherwise classified

No additional information available

2.5. Unknown acute toxicity

No additional information available

SECTION 3 Composition/information on ingredients

3.1. Substances

Not applicable

3.2. Mixtures

Name	Product identifier	%
Glutaric dialdehyde	CAS-No.: 111-30-8	1-10
2-Hydroxyethyl methacrylate	CAS-No.: 868-77-9	25-50

*The exact concentration have been withheld as a trade secret
Full text of hazard classes and H-statements : see section 16

SECTION 4 First aid measures

4.1. Description of necessary first-aid measures

First-aid measures after inhalation : Remove person to fresh air and keep comfortable for breathing.
First-aid measures after skin contact : Wash skin with plenty of water and soap. If skin irritation or rash occurs: Get medical advice/attention. Take off contaminated clothing and wash it before reuse.
First-aid measures after eye contact : Immediately flush thoroughly with water for at least 20 minutes, while holding the eye lids open to be sure the material is washed out. Remove contact lenses, if present and easy to do. Continue rinsing. Get immediate medical advice/attention.
First-aid measures after ingestion : If swallowed: rinse mouth. Do NOT induce vomiting. Get medical advice/attention.

4.2. Most important symptoms/effects, acute and delayed

Inhalation : Not expected for this product
Skin : May cause skin burns
Eyes : May cause eye burns
Ingestion : May cause mouth, throat, esophageal, and gastrointestinal tract irritation

4.3. Indication of immediate medical attention and special treatment needed, if necessary

Other medical advice or treatment : Immediate medical attention is required for eye contact.

Safety Data Sheet

According to 29CFR 1910.1200 OSHA Hazard Communication Standard (HCS 2024) and the Hazardous Products Regulation (WHMIS 2015 rev 2022)
Issue date: 07/17/2026

SECTION 5: Fire-fighting measures

5.1. Suitable (and unsuitable) extinguishing media

- | | |
|--------------------------------|---|
| Suitable extinguishing media | : Use water spray or fog, foam, dry chemical, or carbon dioxide. This product can burn in fire forming carbon dioxide and some carbon monoxide. |
| Unsuitable extinguishing media | : Not determined |

5.2. Specific hazards arising from the chemical

- | | |
|-------------|--------------|
| Fire hazard | : None known |
|-------------|--------------|

5.3. Special protective equipment and precautions for fire-fighters

- | | |
|--------------------------------|---|
| Firefighting instructions | : General: Evacuate all personnel; use protective equipment for firefighting. |
| Protection during firefighting | : Firefighters should wear full emergency equipment and approved positive pressure self-containing breathing apparatus. |

SECTION 6 Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures

- | | |
|------------------|--|
| General measures | : Avoid contact with skin, eyes, or clothing. Wear appropriate protective clothing – gloves, glasses, protective clothing. |
|------------------|--|

For non-emergency personnel

- | | |
|----------------------|---|
| Protective equipment | : Wear recommended personal protective equipment. |
| Emergency procedures | : Do not get in eyes, on skin, or on clothing. |

For emergency responders

- | | |
|---------------------------|---|
| Protective equipment | : Do not attempt to take action without suitable protective equipment. For further information refer to section 8: "Exposure controls/personal protection". |
| Emergency procedures | : Evacuate unnecessary personnel. |
| Environmental precautions | : Avoid release to the environment. |

6.2. Methods and materials for containment and cleaning up

- | | |
|-------------------------|--|
| For containment | : Stop leak, if safe to do so. |
| Methods for cleaning up | : Clean-up with absorbent material and remove residue with damp wipe. Rinse spill area with water. |
| Other information | : Dispose of materials or solid residues at an authorized site. |
- For further information refer to section 13.

SECTION 7 Handling and storage

7.1. Precautions for safe handling

- | | |
|-------------------------------|---|
| Precautions for safe handling | : Avoid contact with eyes, skin, or clothing. Wear protective clothing and equipment as described in Section 8. Wash thoroughly after handling. See product labeling. |
|-------------------------------|---|

7.2. Conditions for safe storage, including incompatibilities

- | | |
|---------------------|---|
| Storage conditions | : Store in dry, cool, well-ventilated area. See product labeling. |
| Storage temperature | : 10 – 24°C (50 – 75°F) |

Safety Data Sheet

According to 29CFR 1910.1200 OSHA Hazard Communication Standard (HCS 2024) and the Hazardous Products Regulation (WHMIS 2015 rev 2022)
Issue date: 07/17/2026

SECTION 8 Exposure controls/personal protection

8.1. Control parameters

Glutaric dialdehyde (111-30-8)	
USA - ACGIH - Occupational Exposure Limits	
ACGIH® TLV® STEL	0.05 ppm
Remark (ACGIH®)	TLV® Basis: URT irr. Notations: A3 (Confirmed Animal Carcinogen with Unknown Relevance to Humans)
Regulatory reference	ACGIH 2024
USA - OSHA - Occupational Exposure Limits	
OSHA PEL (TWA)	No specific PEL established
Regulatory reference (US-OSHA)	OSHA Annotated Table Z-1
USA - Cal/OSHA - Occupational Exposure Limits	
Cal/OSHA PEL (OEL TWA)	0.2 ppm
Regulatory reference	California Division of Occupational Safety and Health (Cal/OSHA) - Permissible Exposure Limit for Chemical Contaminants (Table AC-1)
USA - NIOSH - Occupational Exposure Limits	
NIOSH REL 10h TWA	0.2 mg/m ³
Regulatory reference (US-NIOSH)	OSHA Annotated Table Z-1 (NIOSH Pocket Guide to Chemical Hazards (NPG))
2-Hydroxyethyl methacrylate (868-77-9)	
USA - ACGIH - Occupational Exposure Limits	
ACGIH® TLV® C	Not established
Remark (ACGIH®)	TLV® Basis: URT, eye, & skin irr
Regulatory reference	ACGIH 2024
USA - OSHA - Occupational Exposure Limits	
OSHA PEL (TWA)	Not established
Regulatory reference (US-OSHA)	OSHA Annotated Table Z-1
USA - Cal/OSHA - Occupational Exposure Limits	
Cal/OSHA PEL (OEL TWA)	Not established
Regulatory reference	California Division of Occupational Safety and Health (Cal/OSHA) - Permissible Exposure Limit for Chemical Contaminants (Table AC-1)
USA - NIOSH - Occupational Exposure Limits	
NIOSH REL 10h TWA	Not established
Regulatory reference (US-NIOSH)	OSHA Annotated Table Z-1 (NIOSH Pocket Guide to Chemical Hazards (NPG))

8.2. Appropriate engineering controls

Appropriate engineering controls	: Use in well-ventilated areas; local exhaust ventilation (LEV) recommended.
Environmental exposure controls	: Prevent release to the environment. Dispose of waste per local/state/federal regulations. Avoid discharge to drains, unless permitted.

Safety Data Sheet

According to 29CFR 1910.1200 OSHA Hazard Communication Standard (HCS 2024) and the Hazardous Products Regulation (WHMIS 2015 rev 2022)
Issue date: 07/17/2026

8.3. Individual protection measures, such as personal protective equipment

Personal protective equipment:

Follow facility requirements on PPE procedures.

Hand protection:

Wear impervious gloves. Contact your glove supplier for selection assistance.

Eye protection:

Wear safety goggles or other eye protection to prevent eye contact.

Skin and body protection:

Wear protective clothing.

Respiratory protection:

No respiratory protection needed under normal use conditions. Good ventilation should be sufficient.

SECTION 9 Physical and chemical properties

9.1. Basic physical and chemical properties

Physical state	: Liquid
Color	: Clear
Odor	: Slight characteristic of glutaraldehyde
Odor threshold	: No data available
pH	: 5.4
Melting point	: Not applicable
Freezing point	: <0°C
Boiling point	: >100°C
Flash point	: No data available
Flammability (solid, gas)	: Not applicable.
Vapor pressure	: No data available
Relative vapor density at 20°C	: No data available
Relative density	: 0.99 – 1.05 g/mL
Solubility	: Miscible in water
Partition coefficient n-octanol/water (Log Pow)	: No data available
Auto-ignition temperature	: No data available
Decomposition temperature	: No data available
Viscosity, kinematic	: No data available
Explosion limits	: No data available
Particle characteristics	: No data available

9.2. Data relevant with regard to physical hazard classes (supplemental)

No additional information available

SECTION 10 Stability and reactivity

10.1. Reactivity

Stable at ambient temperature and under normal conditions of use.

10.2. Chemical stability

Stable under normal conditions.

Safety Data Sheet

According to 29CFR 1910.1200 OSHA Hazard Communication Standard (HCS 2024) and the Hazardous Products Regulation (WHMIS 2015 rev 2022)
Issue date: 07/17/2026

10.3. Possibility of hazardous reactions

May occur in large quantities.

10.4. Conditions to avoid

Keep away from heat, sparks, flames, and other sources of ignition.

10.5. Incompatible materials

Keep away from strong oxidizing agents. Keep away from sunlight and open flames.

10.6. Hazardous decomposition products

Oxides of carbon, when burned.

SECTION 11 Toxicological information

11.1. Information on toxicological effects

Acute toxicity (oral) : Not classified
Acute toxicity (dermal) : Not classified
Acute toxicity (inhalation) : Not classified

2-Hydroxyethyl methacrylate (868-77-9)

LD50 oral	>5000 mg/kg body weight (rat)
LD50 dermal	>5000 mg/kg body weight (rabbit)

SECTION 12 Ecological information

12.1. Ecotoxicity

Ecology - general : Not determined

Glutaric dialdehyde (111-30-8)

LC50 - Fish (acute; 96 h)	~5–10 mg/L (species dependent)
EC50 – Aquatic invertebrates (48 h, Daphnia)	~2-10 mg/L
EC50 – Algae/aquatic plants (72 h)	~1-5 mg/L

2-Hydroxyethyl methacrylate (868-77-9)

LC50 - Fish (acute; 96 h)	~100-200 mg/L
EC50 - Aquatic invertebrates (48 h, Daphnia)	~100-300 mg/L
EC50 - Algae/aquatic plants (72 h)	~300-800 mg/L

12.2. Persistence and degradability

Persistence and degradability	Readily biodegradable under aerobic conditions
-------------------------------	--

Safety Data Sheet

According to 29CFR 1910.1200 OSHA Hazard Communication Standard (HCS 2024) and the Hazardous Products Regulation (WHMIS 2015 rev 2022)
Issue date: 07/17/2026

12.3. Bioaccumulative potential

Glutaric dialdehyde (111-30-8)

Bioaccumulative potential	Low bioaccumulation potential
---------------------------	-------------------------------

2-Hydroxyethyl methacrylate (868-77-9)

Bioaccumulative potential	Low bioaccumulation potential
---------------------------	-------------------------------

12.4. Mobility in soil

Expected to have high mobility in soil and groundwater

12.5. Other adverse effects

Not determined

SECTION 13 Disposal considerations

Waste treatment methods	: Dispose of in accordance with applicable federal, state, and local regulations.
Sewage disposal recommendations	: Do not dispose of waste into sewer. Disposal must be done according to official regulations.
Product/Packaging disposal recommendations	: Do not re-use empty containers. Disposal must be done according to official regulations.

SECTION 14 Transport information

In accordance with DOT / TDG / IMDG / IATA

DOT	TDG	IMDG	IATA
14.1. UN number			
Not applicable	Not applicable	Not applicable	Not applicable
14.2. Proper Shipping Name			
Not dangerous goods	Not dangerous goods	Not dangerous goods	Not dangerous goods
14.3. Transport hazard class(es)			
Not applicable	Not applicable	Not applicable	Not applicable
14.4. Packing group			
Not applicable	Not applicable	Not applicable	Not applicable
14.5. Environmental hazards			
Dangerous for the environment: No	Dangerous for the environment: No	Dangerous for the environment: No Marine pollutant: No	Dangerous for the environment: No
No supplementary information available			

14.6. Transport in bulk

Not applicable

14.7. Special precautions for user

DOT

No data available

TDG

No data available

Safety Data Sheet

According to 29CFR 1910.1200 OSHA Hazard Communication Standard (HCS 2024) and the Hazardous Products Regulation (WHMIS 2015 rev 2022)
Issue date: 07/17/2026

IMDG

No data available

IATA

No data available

SECTION 15 Regulatory information

15.1. Federal regulations

Glu/Sense™ Dentin Pre-Treatment Desensitizer Gel

SARA Section 302, 311/312, 313 Hazard Classes	Refer to Section 2 for OSHA Hazard Classification.
---	--

This product is a medical device and not subject to chemical notification requirements.

This product or mixture is not known to contain a toxic chemical or chemicals in excess of the applicable de minimis concentration as specified in 40 CFR §372.38(a) subject to the reporting requirements of section 313 of Title III of the Superfund Amendments and Reauthorization Act of 1986 and 40 CFR Part 372.

15.2. International regulations

CANADA

Glutaric dialdehyde (111-30-8)

Listed on the Canadian DSL (Domestic Substances List)

2-Hydroxyethyl methacrylate (868-77-9)

Listed on the Canadian DSL (Domestic Substances List)

No components are listed on the NDSL. Neither substance is currently listed on the CEPA Toxic Substances List (Schedule 1).

EU-Regulations

Substances are registered or exempt, as applicable.

No authorization required under: REACH Annex XIV (Authorization List)

No restriction identified under: REACH Annex XVII

Neither substance is included on the Candidate List of Substances of Very High Concern (SVHC).

National regulations

Substances are not listed on IARC (International Agency for Research on Cancer)

15.3. State regulations

U.S. - California - Proposition 65 - Other information	This product does not contain chemicals known to the State of California to cause cancer, birth defects, or reproductive harm (based on current listings).
--	--

SECTION 16 Other information

According to 29CFR 1910.1200 OSHA Hazard Communication Standard (HCS 2024) and the Hazardous Products Regulation (WHMIS 2015 rev 2022)
Issue date : 06/02/2026

Safety Data Sheet

According to 29CFR 1910.1200 OSHA Hazard Communication Standard (HCS 2024) and the Hazardous Products Regulation (WHMIS 2015 rev 2022)
Issue date: 07/17/2026

Full text of hazard classes and H-statements

H300	Acute toxicity, oral Category 1
H314	Skin corrosion/irritation Category 1C
H315	Skin corrosion/irritation Category 2
H317	Skin sensitizer Category 1
H318	Serious eye damage/eye irritation Category 1
H320	Serious eye damage/eye irritation Category 2A
H330	Acute toxicity, inhalation Category 1
H334	Serious eye damage/eye irritation Category 2A
H402	Hazardous to the aquatic environment, acute hazard Category 3

Indication of changes:

Supersedes 09/2017; new format; updated all sections

Safety Data Sheet (SDS), USA

This information is based on our current knowledge and is intended to describe the product for the purposes of health, safety and environmental requirements only. It should not therefore be construed as guaranteeing any specific property of the product.