

# MATERIAL SAFETY DATA SHEET

Issue date 18.06.2021

Version Number 1

Review date 17.06.2024

## SECTION 1 : PRODUCT AND COMPANY IDENTIFICATION

**Product Name:** Hemostal  
**Intended use:** Dental Hemostatic solution  
**Company Name:** Prevest DenPro Limited  
**Address:** Unit II, Export Promotion Industrial Park (EPIP), Bari Brahmana, Jammu (J&K)-181133 India  
**Tel:** 0191 3506858 / 8899074151  
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## SECTION 2 : HAZARD IDENTIFICATION

- Classification of the substance or mixture
- Classification according to Regulation (EC) No 1272/2008

- H314 – Causes severe skin burns and eye damage.
- H335 – May cause respiratory irritation
- H302 – Harmful if swallowed

### Potential Health Effects, Signs and Symptoms of Exposure:

Primary Route of Entry	Inhalation, skin, and ingestion.
Eye	Vapors are irritating to the eyes. Splashes may cause redness of the eye.
Skin	Repeated/prolonged contact may cause mild irritation of the skin. Symptoms include redness, burning, or itching.
Ingestion	Swallowing small amounts during normal handling is not likely to cause harmful effects; swallowing large amounts may be harmful. Symptoms include irritation of the throat, nausea, dizziness, and upset stomach.
Inhalation	If fine small particles are inhaled, irritation of the throat with a feeling of tightness in the chest may occur.

## SECTION 3: COMPOSITION /INFORMATION ON INGREDIENTS

### 3.1 Chemical characterization: None of the components are hazardous

*\*SDS indicates the ingredient name and/or exact percentage is being withheld as a trade secret*

## SECTION 4: FIRST AID MEASURES

- Description of first aid measures
- General information:
- **After inhalation:** This product is a viscous gel, therefore chance of inhalation is not possible.
- **After skin contact:** Immediately wash with water and soap and rinse thoroughly.

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- **After eye contact:** Rinse opened eye for several minutes under running water. Then consult a doctor.
- **After swallowing:**  
If swallowed in large quantities seek medical attention.  
Drink plenty of water and provide fresh air. Call for a doctor immediately.
- **Information for doctor:**
- **Most important symptoms and effects, both acute and delayed** No further relevant information available.
- **Indication of any immediate medical attention and special treatment needed**  
No further relevant information available.

## SECTION 5 : FIRE FIGHTING MEASURES

- **Extinguishing media**
- **Suitable extinguishing agents:** Use fire extinguishing methods suitable to surrounding conditions.
- **Special hazards arising from the substance or mixture**  
During heating or in case of fire poisonous gases are produced.
- **Advice for firefighters:**
- **Protective equipment:** Mouth respiratory protective device.

## SECTION 6 : ACCIDENTAL RELEASE MEASURES

- **Personal precautions, protective equipment and emergency procedures**  
Mount respiratory protective device.  
Wear protective equipment. Keep unprotected persons away.
- **Environmental precautions:** Do not allow to enter sewers/ surface or ground water.
- **Methods and material for containment and cleaning up:**  
Absorb with liquid-binding material (sand, diatomite, acid binders, universal binders, sawdust). Use neutralizing agent.  
Dispose contaminated material as waste according to item 13. Ensure adequate ventilation.

## SECTION 7 : HANDLING AND STORAGE

Handling	Limit all unnecessary personal contact. Avoid breathing vapors. Wear appropriate PPE. Do not get into eyes or on skin. Avoid breathing vapors and mists. This product reacts with bases liberating heat and causing spattering.
Storage	Store in a cool, well ventilated area away from heat, sparks and flame. Keep containers closed when not in use. Keep in original container provided by manufacturer.
Explosion Hazard	None.

## SECTION 8 : EXPOSURE CONTROLS/PERSONAL PROTECTION

- **Additional information about design of technical facilities:** No further data; see item 7.
- **Control parameters**
- **Ingredients with limit values that require monitoring at the workplace:**  
The product does not contain any relevant quantities of materials with critical values that have to be

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monitored at the workplace.

· **Additional information:** The lists valid during the making were used as basis.

· **Exposure controls**

· **Personal protective equipment:**

· **General protective and hygienic measures:**

Keep away from foodstuffs, beverages and feed. Immediately remove all soiled and contaminated clothing. Wash hands before breaks and at the end of work. Avoid contact with the eyes and skin.

· **Respiratory protection:**

In case of brief exposure or low pollution use respiratory filter device. In case of intensive or longer exposure use self-contained respiratory protective device.

· **Protection of hands:** The glove material has to be impermeable and resistant to the product/ the substance/ the preparation. Due to missing tests no recommendation to the glove material can be given for the product/ the preparation/ the chemical mixture.

Selection of the glove material on consideration of the penetration times, rates of diffusion and the degradation

· **Material of gloves**

The selection of suitable gloves does not only depend on the material, but also on further marks of quality and varies from manufacturer to manufacturer. As the product is a preparation of several substances, the resistance of the glove material cannot be calculated in advance and has therefore to be checked prior to the application.

· **Penetration time of glove material**

· The exact breakthrough time has to be found out by the manufacturer of the protective gloves and has to be observed.

· **Eye protection:**



**Body protection:** Protective work clothing

## SECTION 9 : PHYSICAL AND CHEMICAL PROPERTIES

· **Information on basic physical and chemical properties**

· **General Information**

· **Appearance:**

<b>Form:</b>	liquid
<b>Colour:</b>	transparent
<b>Odour:</b>	Odourless
<b>Odour threshold:</b>	Not determined.

· **Change in condition**

<b>Melting point/freezing point:</b>	Undetermined.
<b>Initial boiling point and boiling range:</b>	Undetermined.

· **Flash point:** Not applicable.

· **Flammability (solid, gas):** Not applicable.

· **Decomposition temperature:** Not determined.

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· <b>Auto-ignition temperature:</b>	Product is not self igniting.
· <b>Explosive properties:</b>	Product does not present an explosion hazard.
· <b>Explosion limits:</b>	
<b>Lower:</b>	Not determined.
<b>Upper:</b>	Not determined.
· <b>Vapour pressure:</b>	Not determined.
· <b>Solubility in / Miscibility with water:</b>	Not miscible or difficult to mix.
· <b>Partition coefficient: n-octanol/water:</b>	Not determined.
· <b>Viscosity:</b>	
<b>Dynamic:</b>	Not determined.
<b>Kinematic:</b>	Not determined.

## SECTION 10 : STABILITY AND REACTIVITY

- **Reactivity** No further relevant information available.
- **Chemical stability**
- **Thermal decomposition / conditions to be avoided:** No decomposition if used according to specifications.
- **Possibility of hazardous reactions:** No dangerous reactions known.
- **Conditions to avoid:** No further relevant information available.
- **Incompatible materials:** No further relevant information available.

## SECTION 11 : TOXICOLOGICAL INFORMATION

### · Information on toxicological effects

- **Acute toxicity**  
Harmful if inhaled.

**The product is classified as non dangerous**

- **Primary irritant effect:**
- **Skin corrosion/irritation**  
Causes severe skin burns and eye damage.
- **Serious eye damage/irritation**  
Causes severe skin burns and eye damage.
- **Respiratory or skin sensitization** Based on available data, the classification criteria are not met.
- **CMR effects (carcinogenicity, mutagenicity and toxicity for reproduction)**
- **Germ cell mutagenicity** Based on available data, the classification criteria are not met.
- **Carcinogenicity** Based on available data, the classification criteria are not met.
- **Reproductive toxicity** 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.

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## SECTION 12: ECOLOGICAL INFORMATION

**Toxicity**

**Aquatic toxicity:** No further relevant information available.

**Persistence and degradability** No further relevant information available.

**Behavior in environmental systems:**

**Bioaccumulative potential** No further relevant information available.

**Mobility in soil** No further relevant information available.

**Additional ecological information:**

Do not allow undiluted product or large quantities of it to reach ground water, water course or sewage system.

## SECTION 13: DISPOSAL INFORMATION

- **Waste treatment methods**
- **Recommendation** Do not allow product to reach sewage system.
- **Uncleaned packaging:**
- **Recommendation:** Disposal must be made according to official regulations.

## SECTION 14 : TRANSPORT INFORMATION

· <b>14.1 UN-Number</b> · <b>ADR, ADN, IMDG, IATA</b>	Void
· <b>14.2 UN proper shipping name</b> · <b>ADR, ADN, IMDG, IATA</b>	Void
· <b>14.3 Transport hazard class(es)</b> · <b>ADR, ADN, IMDG, IATA</b> · <b>Class</b>	Void
· <b>14.4 Packing group</b> · <b>ADR, IMDG, IATA</b>	Void
· <b>14.5 Environmental hazards:</b> · <b>Marine pollutant:</b>	No
· <b>14.6 Special precautions for user</b>	Not applicable.
· <b>14.7 Transport in bulk according to Annex II of MARPOL73/78 and the IBC Code</b>	Not applicable.

The product/ mixture is non hazardous.

## SECTION 15 : REGULATORY INFORMATION

Clean Air Act: HAP/ODS	This product contains the following HAP's or ODS: NONE
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Clean Water Act: PriorityPollutant	This product contains the following chemicals listed under the U. S. Clean Water Act PriorityPollutant and Hazardous Substance List: None
RCRA	This product does not contain any chemicals considered to be hazardous waste under RCRA ( 40 CFR 261).
SARA Title III: Section 302 (RQ)	This product contains no chemicals regulated under Section 302 as extremely hazardous substances.
SARA Title III: Section 313:	This product contains the following chemicals which are 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: None

## SECTION 16 : OTHER INFORMATION \*

Changes in content as per regulations – GHS classification

**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)

IMDG: International Maritime Code for Dangerous Goods

IATA: International Air Transport Association

GHS: Globally Harmonized System of Classification and Labeling of Chemicals

EINECS: European Inventory of Existing Commercial Chemical Substances

ELINCS: European List of Notified Chemical Substances

CAS: Chemical Abstracts Service (division of the American Chemical Society)

VOC: Volatile Organic Compounds (USA, EU)

PBT: Persistent, Bioaccumulative and Toxic

vPvB: very Persistent and very Bioaccumulative

Flam. Liq. 2: Flammable liquids – Category 2

Skin Irrit. 2: Skin corrosion/irritation – Category 2

Eye Irrit. 2: Serious eye damage/eye irritation – Category 2

- **Department issuing MSDS:** Regulatory affairs
- **SDS issue date:** 18.06.2021
- **Contact:** research@prevestdenpro.com

\*Data compared to the previous version altered.

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