

SAFETY DATA SHEET

CHEMICAL SUBSTANCE / MIXTURE REGULATION (EC) No1907/2006 AS AMENDED BY REGULATION (EU) No 453/2010

SECTION 1: IDENTIFICATION OF THE SUBSTANCE / MIXTURE AND OF THE COMPANY

1.1. Product identifiers

Product names	HEMOSTATIC Solution
Chemical name	-
Identified uses	Chemical analytics, biochemistry

1.2. Details of the supplier of the safety data sheet

Company	JSC "Medicinos linija"
Address	Karaliaučiaus str. 29 LT-78374 Šiauliai, Lithuania
Telephone	+370 41 553 553
Fax	+370 41 553 551
E-mail address	dental@i-dental.lt

1.3. Emergency telephone number

Emergency telephone number (Available only during office hours)	+370 41 553 553
--	-----------------

SECTION 2: HAZARDS IDENTIFICATION

2.1. Classification according to Regulation (EC) No 1272/2008 [EU-GHS/CLP]

Skin Corr. 1B
Flam. Liq. 2
Acute Tox. 4

2.1.1. Label elements

Pictograms



Signal word **Danger**

Hazard statements

H314: Causes severe skin burns and eye damage
H225: Highly flammable liquid and vapour
H302: Harmful if swallowed

Precaution statements (prevention)

P260: Do not breathe dust/fume/gas/mist/vapours/spray
P280: Wear protective gloves/protective clothing/eye protection/face protection
P210: Keep away from heat/sparks/open flames/hot surfaces. — No smoking
P233: Keep container tightly closed

Precaution statements (response)

P310: Immediately call a POISON CENTER or doctor/physician
P301+P330+P331: IF SWALLOWED: rinse mouth. Do NOT induce vomiting
P303+P361+P353: IF ON SKIN (or hair): Remove/Take off immediately all contaminated clothing. Rinse skin with water/shower
P305+P351+P338: IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing

SECTION 3: COMPOSITION / INFORMATION ON INGREDIENTS

3.1. Hazardous components of the mixture:

Name	CAS No	EC No	Index No	Hazard statement	Content, %
Ethanol	64-17-5	200-578-6	603-002-00-5	H225	20-50

SECTION 4: FIRST AID MEASURES**4.1. General advice**

In doubt, consult a physician. Show this safety data sheet to the doctor in attendance.

4.2. If inhaled

Remove the casualty from the hazardous area and take him to the fresh air. If not breathing, give artificial respiration. Consult a physician.

4.3. In case of skin contact

Take off contaminated clothing. Wash off with soap and plenty of water. Consult a physician. Wash contaminated clothing before reuse.

4.4. In case of eye contact

Rinse thoroughly with plenty of water for at least 15 minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Refer for medical attention.

4.5. If swallowed

Never give anything by mouth to an unconscious person. Take casualty to the hospital.

If the person is conscious rinse mouth with water, spit out the solution residues. **Do not induce vomiting.** Refer for medical attention.

4.6. Most important symptoms and effects, both acute and delayed

Inhalation: Burning sensation. Cough. Headache. Fatigue. Drowsiness. Laboured breathing. Shortness of breath. Sore throat.

Skin: Dry skin, skin burns.

Eyes: Redness. Pain. Burning sensation. Severe deep burns.

Ingestion: Abdominal pain. Burning sensation. Headache. Confusion. Dizziness. Unconsciousness. Shock or collapse.

To the best of our knowledge, the chemical, physical, and toxicological properties have not been thoroughly investigated.

4.7. Indication of any immediate medical attention and special treatment needed

No data available.

SECTION 5: FIRE FIGHTING MEASURES**5.1. Extinguishing media**

Powder, carbon dioxide.

5.2. Advice for fire fighters

Wear self contained breathing apparatus for fire fighting if necessary.

5.3. Special hazards arising from the substance or mixture

No data available.

SECTION 6: ACCIDENTAL RELEASE MEASURES**6.1. Personal precautions, protective equipment and emergency procedures**

Use personal protective equipment. Avoid vapour formation. Do not breathe vapours, mist or gas. Keep away from heat/sparks/open flames/hot surfaces. — No smoking. Ground/bond container and receiving equipment. Use explosion-proof electrical/ventilating/lighting/equipment. Use only non-sparking tools. Take precautionary measures against static discharge.

6.2. Environmental precautions

Do NOT let enter the environment. Sweep spilled substance into covered containers. Carefully collect remainder. Then store and dispose of according to local regulations.

6.3. Methods and materials for containment and cleaning up

Minor spills – Ventilate area of spill. Clear area of personnel. Wear appropriate personal protective equipment and avoid contact with skin. Clean up immediately using inert material such as vermiculate, dry sand, earth or other absorbent material. Do not flush into sewer.

Major spills – Ventilate area of spill. Clear area of personnel. Restrict access to area. Eliminate sources of ignition. Ventilate area of spill. Clear area of personnel. Wear appropriate personal protective equipment (such as an air supplied respirator) and avoid contact with skin. Clean up immediately using inert material such as vermiculate, dry sand, earth or other absorbent material. Do not flush into sewer.

6.4. Reference to other sections

For disposal see section 13.

SECTION 7: HANDLING AND STORAGE**7.1. Precautions for safe handling**

Use personal protective equipment. Wash hands thoroughly after handling. Avoid vapour formation. Do not breathe vapours, mist or gas. Keep away from heat/sparks/open flames/hot surfaces. — No smoking. Ground/bond container and receiving equipment. Use explosion-proof electrical/ventilating/lighting/equipment. Use only non-sparking tools. Take precautionary measures against static discharge. Keep container tightly closed. Do not eat, drink or smoke when using this product.

7.2. Conditions for safe storage, including any incompatibilities

Stored well closed in cool, dry, well ventilated area. Separated from food and feedstuffs and incompatible materials.

7.3. Specific end uses

Chemical analytics, biochemistry.

SECTION 8: EXPOSURE CONTROLS / PERSONAL PROTECTION**8.1. Exposure limit values**

No exposure guidelines have been established for mixture. ACGIH, NIOSH and OSHA have not developed exposure limits for this product.

Ethanol: TLV: 1000ppm as TWA; A4 (not classifiable as a human carcinogen); (ACGIH 2004). MAK: 500 ppm, 960 mg/m³; Carcinogen category: 5; Peak limitation category: II(2); Pregnancy risk group: C; (DFG 2004).

Aluminium chloride: TLV: 2mg/m³ as TWA; (ACGIH 2005).

8.2. Exposure controls

Install ventilation to prevent vapour formatting.

Handling properly (p.7).

Preventive medical check-ups should be arranged.

8.3. Appropriate engineering controls

Handle in accordance with good industrial hygiene and safety practice. Wash hands before breaks and at the end of workday. Do not eat, drink or smoke when using this product.

8.4. Personal protective equipment**8.4.1. Eye/face protection**

Wear eye / face protection equipment. Safety glasses with side-shields, conforming to EN 166.

8.4.2. Hand protection

Handle with chemical resistance (PVC, neoprene, rubber) gloves. Gloves must be inspected prior to use. Use proper glove removal technique (without touching glove's outer surface) to avoid skin contact with this product. Dispose of contaminated gloves after use in accordance with applicable laws and good laboratory practices. Wash and dry hands. The selected protective gloves have to satisfy the specifications of EU Directive 89/686/EEC and the standard EN 374 derived from it.

8.4.3. Skin protection

Impervious clothing. The type of protective equipment must be selected according to the concentration and amount of the dangerous substance at the specific workplace.

8.4.4. Respiratory protection

To protect the airways use respirators, that have been tested and approved by the relevant governmental standards, such as CEN (EU) or NIOSH (USA).

SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES**9.1. General information**

Appearance	Clear liquid
Colour	Colourless
Odour	Specific

9.2. Important health, safety and environment information

Flash point	No data available
Specific gravity	No data available
Refractive index	No data available
Viscosity at 25°C	No data available
Solubility	No data available

SECTION 10: STABILITY AND REACTIVITY**10.1. Stability**

Stable under normal temperature and pressure

10.2. Conditions to avoid

Heat, light, moist air.

10.3. Materials to avoid

Reacts with strong oxidants, alkalis.

10.4. Hazard decomposition products

Carbon dioxide, monoxide.

SECTION 11: TOXICOLOGICAL INFORMATION**11.1. Possible dangerous to health effects**

The substance can be absorbed into the body by inhalation of its vapor and by ingestion. Detailed: p.4.6

11.2. Signs and Symptoms of Exposure

To the best of our knowledge, the chemical, physical, and toxicological properties have not been thoroughly investigated. Detailed in p.4.6.

11.3. Toxicity

No data available.

11.4. Skin corrosion/irritation

No data available.

11.5. Serious eye damage/eye irritation

No data available.

11.6. Respiratory or skin sensitization

No data available.

11.7. Germ cell mutagenicity

No data available.

11.8. Carcinogenicity

IARC: not classified as carcinogen.

11.9. Reproductive toxicity

No data available.

11.10. Specific target organ toxicity - single exposure

Irritating to the eyes. Inhalation of high concentrations of the vapor may cause irritation of the eyes and respiratory tract. May cause effects on the central nervous system. Corrosive to the eyes, skin and respiratory tract. Corrosive on ingestion.

11.11. Specific target organ toxicity - repeated exposure

Defats the skin, which may cause dryness or cracking. May have effects on the upper respiratory tract and central nervous system. This may result in irritation, headache, fatigue and lack of concentration.

11.12. Aspiration hazard

No data available.

11.13. Additional Information

No data available.

SECTION 12: ECOLOGICAL INFORMATION**12.1. Ecotoxicity**

No data available

12.2. Mobility

No data available

12.3. Persistence and degradability

No data available

12.4. Bio accumulative potential

No data available

12.5. Results of PBT and vPvB assessment

No data available

12.6. Other adverse effects

No data available

SECTION 13: DISPOSAL CONSIDERATIONS**13.1. Waste treatment methods**

Offer surplus and non-recyclable solutions to a licensed disposal company. Contaminated packaging dispose of as unused product. Do not remove the information from package. Manage waste as required by regulatory requirements. Avoid release to the environment.

SECTION 14: TRANSPORT INFORMATION

14.1. UN number: ID 8000

14.2. Proper shipping name: Consumer commodity

14.3. Hazard class: 9

14.4. Packing group: -

14.5. Special provisions: A112



14.6. Labelling:

SECTION 15: REGULATORY INFORMATION

15.1. This safety datasheet complies with the requirements of Regulation (EC) No 1907/2006 as amended by Regulation (EU) No 453/2010.

15.2. Other Regulations: EINECS: Components of mixture are on the European Inventory of Existing Commercial Chemical Substances.

15.3. This safety data sheet information is not a professional risk assessment.

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

No data available.

15.5. Chemical Safety Assessment

No data available.

15.6. Health, safety and environmental information

No data available.

SECTION 16: OTHER INFORMATION

16.1. The above information is believed to be correct but does not purport to be all inclusive and shall be used only as a guide. The information in this document is based on the present state of our knowledge and is applicable to the product with regard to appropriate safety precautions. It does not represent any guarantee of the properties of the product.

16.2. UAB „Medicinos linija“ shall not be held liable for any damage resulting from handling or from contact with the above product.

16.3. The product should not be used for purposes other than specified in p.7.3 purposes.

16.4. User is responsible for the legal, regulatory compliance.

16.5. Abbreviations and acronyms used in the safety data sheet:

16.5.1. EC – European Commission

16.5.2. EEC – European Economic Community

16.5.3. EU – European Union

16.5.4. GHS – Globally Harmonized System

- 16.5.5. CLP – Classification Labelling Packaging Regulation; Regulation (EC) No 1272/2008
- 16.5.6. CAS No – Chemical Abstracts Service number
- 16.5.7. EC No – EINECS and ELINCS Number (see also EINECS and ELINCS)
- 16.5.8. EINECS – European Inventory of Existing Commercial Substances
- 16.5.9. ELINCS – European List of notified Chemical Substances
- 16.5.10. EN – European Standard
- 16.5.11. NIOSH - National Institute for Occupational Safety and Health
- 16.5.12. IARC – International Agency for Research on Cancer
- 16.5.13. PBT - Persistent, Bio accumulative and toxic substance
- 16.5.14. VPvB – Very Persistent and Very Bio accumulative
- 16.5.15. ADR – European Agreement concerning the International Carriage of Dangerous Goods by Road
- 16.5.16. RID – Regulations concerning the International Carriage of Dangerous Goods by Rail
- 16.5.17. UN – United Nations
- 16.5.18. IMDG – International Maritime Dangerous Goods
- 16.5.19. ICAO-TI – Technical Instructions for the Safe Transport of Dangerous Goods by Air
- 16.5.20. IATA-DGR – International Air Transport Association Dangerous Goods Regulations
- 16.5.21. LC50 – Lethal Concentration to 50 % of a test population
- 16.5.22. LD50 – Lethal Dose to 50% of a test population (Median Lethal Dose)
- 16.6. Key literature references and sources for data: <http://echa.europa.eu>, <http://www.unece.org>, <http://esis.jrc.ec.europa.eu/>, <http://www.ilo.org>, <http://toxnet.nlm.nih.gov>.
- 16.7. List of relevant hazard statements, safety phrases and/or precautionary statements full text:
Signal word: Danger.
 - H314: Causes severe skin burns and eye damage
 - H225: Highly flammable liquid and vapour
 - H302: Harmful if swallowed
 - P260: Do not breathe dust/fume/gas/mist/vapours/spray
 - P264: Wash hands thoroughly after handling
 - P280: Wear protective gloves/protective clothing/eye protection/face protection
 - P210: Keep away from heat/sparks/open flames/hot surfaces. — No smoking
 - P233: Keep container tightly closed
 - P240: Ground/bond container and receiving equipment
 - P241: Use explosion-proof electrical/ventilating/lighting/equipment
 - P242: Use only non-sparking tools
 - P243: Take precautionary measures against static discharge
 - P270: Do not eat, drink or smoke when using this product
 - P310: Immediately call a POISON CENTER or doctor/physician
 - P301+P330+P331: IF SWALLOWED: rinse mouth. Do NOT induce vomiting
 - P301+P312: IF SWALLOWED: Call a POISON CENTER or doctor/physician if you feel unwell
 - P303+P361+P353: IF ON SKIN (or hair): Remove/Take off immediately all contaminated clothing. Rinse skin with water/shower
 - P304+P340: IF INHALED: Remove victim to fresh air and keep at rest in a position comfortable for breathing
 - P305+P351+P338: IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing
 - P363: Wash contaminated clothing before reuse
 - P321: Specific treatment (see SECTION 4)
 - P370+P235: In case of fire: Use water in large amounts, powder, alcohol-resistant foam, carbon dioxide for extinction
 - P403+P235: Store in well-ventilated place. Keep cool
 - P405: Store locked up
 - P501: Dispose of contents/container to as required by regulatory requirements
- 16.8. Training advice: Person who handles this mixture must obtain special instructions before use and do not handle until all safety precautions have been read and understood. How to properly handle chemical substances / mixtures employees must be trained in accordance with national requirements.