

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/UNDERTAKING

1.1. Product identifier

Product name **i-EDTA Solution**
Chemical name -

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

Relevant identified uses Dental use only

1.3. Details of the supplier of the safety data sheet

Company UAB "Medicinos linija"
Address Aviacijos str. 28
LT-77103 Siauliai, Lithuania
Telephone +370 41 553 553
E-mail address info@i-dental.lt

1.4. Emergency telephone number

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

SECTION 2: HAZARDS IDENTIFICATION

2.1. Classification of the substance or mixture

2.1.1. Classification according to Regulation (EC) No 1272/2008 [CLP]

STOT SE 3
Skin Irrit.2
Eye Irrit.2

2.2. Label elements

2.2.1. Labelling according to Regulation (EC) No 1272/2008 [CLP]

Pictograms



Signal word **Warning**

Hazard statements

H373: May cause damage to organs (skin, eyes, airways) through prolonged or repeated exposure.
H315: Causes skin irritation.
H319: Causes serious eye irritation.

Precaution statements (prevention)

P260: Do not breathe mist/vapours.
P264: Wash hands thoroughly after handling.
P280: Wear protective gloves/protective clothing/eye protection/face protection.

Precaution statements (response)

P314: Get medical advice/attention if you feel unwell.
P302+P352: IF ON SKIN OR MUCOSA: Wash with plenty of water.
P332+P313: If skin irritation occurs: Get medical advice/attention.
P305+P351+P338: IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
P337+P313: If eye irritation persists: Get medical advice/attention.
P362+P364: Take off contaminated clothing and wash it before reuse.

Precaution statements (disposal)

P501: Dispose of contents/container to as required by national regulatory requirements.

2.3. Other hazards

Not applicable.

SECTION 3: COMPOSITION / INFORMATION ON INGREDIENTS

3.1. Substances:

Name	CAS No	EC No	Index No.	Hazard statement	Content, %
Dihydrogenethylenediaminetetraacetic acid disodium salt	139-33-3	205-358-3	-	STOT RE 2, H373; Skin Irrit. 2, H315; Eye Irrit. 2, H319	17
Sodium hydroxide	1310-73-2	215-185-5	011-002-00-6	Eye Irrit. 2, H319; Skin Irrit. 2, H315	<2

Full text of H- statements: see section 16.

- 1.1. Mixtures:
Not applicable.

SECTION 4: FIRST AID MEASURES

4.1. Description of first aid measures

4.1.1. General advice

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

4.1.2. If swallowed

Never give anything by mouth to an unconscious person. Take casualty to the hospital. If the person is conscious rinse the mouth and spit the fluids out. Do NOT induce vomiting. During spontaneous vomiting hold the head of the casualty low with the body in a prone position in order to avoid the penetration of vomit into the air tube. Refer for immediate medical attention.

4.1.3. 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.

4.1.4. 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.

4.1.5. If inhaled

Remove the casualty from the hazardous area and take him to the fresh air. If the casualty is not breathing: give artificial respiration, notify emergency physician immediately.

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

No data available.

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

No data available.

SECTION 5: FIRE FIGHTING MEASURES

5.1. Extinguishing media

Foam, dry powder, sand.

5.2. Special hazards arising from the substance or mixture

In case of fire, hazardous fumes may be released.

5.3. Advice for fire fighters

Wear self-contained breathing apparatus for firefighting.

SECTION 6: ACCIDENTAL RELEASE MEASURES

6.1. Personal precautions, protective equipment and emergency procedures

Use personal protective equipment. Do not breathe vapours. Avoid contact with skin and eyes. Ensure adequate ventilation.

6.2. Environmental precautions

Do not let product enter drains.

6.3. Methods and materials for containment and cleaning up

Use personal protective equipment when cleaning. Soak up spills with inert absorbent material. Collect spills and put it into appropriated container if it is safe to do. Dispose in a safe manner in accordance with national regulatory requirements.

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. Keep away from food, drinks and animal feed. Do not eat or drink, smoke when using this product. Avoid contact with skin and eyes. Do not breathe vapours.

7.2. Conditions for safe storage, including any incompatibilities

Keep in cool, well ventilated place. Keep away from heat and direct sunlight. Storage temperature: 4-28°C.

7.3. Specific end uses

Dental use only.

SECTION 8: EXPOSURE CONTROLS / PERSONAL PROTECTION**8.1. Control parameters****8.1.1. Exposure limit values**

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

8.2. Exposure controls

Provide adequate ventilation. Storage properly (p.7). Preventive medical check-ups should be arranged.

8.2.1. Appropriate engineering controls

Handle in accordance with good industrial hygiene and safety practice. Wash hands before breaks and at the end of workday.

8.2.2. Personal protective equipment**8.2.2.1. Eye/face protection**

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

8.2.2.2. Hand protection

Handle with 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. For the permanent contact in work areas without heightened risk of injury (e.g. laboratory) gloves made of the following material are suitable: PVC, neoprene, rubber. The selected protective gloves have to satisfy the specifications of EU Directive 89/686/EEC and the standard EN 374 derived from it.

8.2.2.3. 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.

8.2.2.4. Respiratory protection

Not necessary with efficient local exhaust. If you need to protect the airways use respirators, that have been tested and approved by the relevant governmental standards, such as CEN (EU) or NIOSH (USA).

8.2.3. Environmental exposure controls

Do not let enter the environment.

SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES**9.1. Information on basic physical and chemical properties**

Appearance	clear colourless liquid
Odour	odourless
pH	7-9
Flash point, °C	no data available
Initial boiling point, °C	no data available

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

No data available.

10.2. Chemical stability

Stable under recommended storage conditions.

10.3. Possibility of hazardous reactions

No data available.

10.4. Conditions to avoid

High temperatures, direct sunlight.

10.5. Incompatible materials

Strong acids, oxidizing agents, strong bases.

10.6. Hazard decomposition products

No data available.

SECTION 11: TOXICOLOGICAL INFORMATION**11.1. Information on toxicological effects****11.1.1. Acute toxicity**

Dihydrogenethylenediaminetetraacetic acid disodium salt Cas No. 139-33-3
Inhalation LOAEC:30 mg/m³ air (rat)
OECD 412

11.1.2. Skin corrosion/irritation

May cause skin irritation.

11.1.3. Serious eye damage/eye irritation

May cause eye damage.

11.1.4. Respiratory or skin sensitization

No data available.

11.1.5. Germ cell mutagenicity

No data available.

11.1.6. Carcinogenicity

IARC: No components of this product present at levels greater than or equal to 0.1% is identified as probable, possible or confirmed human carcinogen by IARC.

11.1.7. Reproductive toxicity

No data available.

11.1.8. Specific target organ toxicity - single exposure

No data available.

11.1.9. Specific target organ toxicity - repeated exposure

No data available.

11.1.10. Aspiration hazard

No data available.

11.1.11. Additional Information

No data available.

SECTION 12: ECOLOGICAL INFORMATION

12.1. Toxicity	no data available
12.2. Persistence and degradability	no data available
12.3. Bioaccumulative potential	no data available
12.4. Mobility in soil	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**

Disposal should be in accordance with local, state or national legislation. Contaminated packaging dispose of as unused product. Do not remove the information from package.

SECTION 14: TRANSPORT INFORMATION**14.1. UN number**

ADR/RID: Not regulated. IMDG: Not regulated. IATA: Not regulated.

14.2. UN proper shipping name

ADR/RID: Not dangerous goods. IMDG: Not dangerous goods. IATA: Not dangerous goods.

14.3. Transport hazard class(es)

ADR/RID: - IMDG: - IATA: -

14.4. Packing group

ADR/RID: - IMDG: - IATA: -

14.5. Environmental hazards

ADR/RID: NO IMDG: Marine pollutant: NO IATA: NO

14.6. Special precautions for user

Read safety instructions, SDS and emergency procedures before handling. Ensure that persons transporting the product know what to do in the event of an accident of spillage.

14.7. Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code

No data available.

SECTION 15: REGULATORY INFORMATION**15.1. Safety, health and environmental regulations/legislation specific for the substance or mixture**

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

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

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

15.2. Chemical Safety Assessment

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. References to the changes that have been made in comparison with 2018-08-01 version: whole document.
- 16.6. Abbreviations and acronyms used in the safety data sheet:
- 16.6.1. EC – European Commission
 - 16.6.2. GHS – Globally Harmonized System
 - 16.6.3. CLP – Classification Labelling Packaging Regulation; Regulation (EC) No 1272/2008
 - 16.6.4. CAS No – Chemical Abstracts Service number
 - 16.6.5. EC No – EINECS and ELINCS Number (see also EINECS and ELINCS)
 - 16.6.6. PBT - Persistent, Bio accumulative and toxic substance
 - 16.6.7. vPvB – Very Persistent and Very Bio accumulative
 - 16.6.8. ADR – European Agreement concerning the International Carriage of Dangerous Goods by Road
 - 16.6.9. UN – United Nations
 - 16.6.10. LC50 – Lethal Concentration to 50 % of a test population
 - 16.6.11. LD50 – Lethal Dose to 50% of a test population (Median Lethal Dose)
- 16.7. Key literature references and sources for data: <http://echa.europa.eu>.
- 16.8. List of relevant hazard statements, safety phrases and/or precautionary statements full text:
- Signal word: Warning**
- H373: May cause damage to organs (skin, eyes, airways) through prolonged or repeated exposure.
- H315: Causes skin irritation.
- H319: Causes serious eye irritation.
- P260: Do not breathe mist/vapours.
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- P314: Get medical advice/attention if you feel unwell.
- P302+P352: IF ON SKIN OR MUCOSA: Wash with plenty of water.
- P332+P313: If skin irritation occurs: Get medical advice/attention.
- P305+P351+P338: IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
- P337+P313: If eye irritation persists: Get medical advice/attention.
- P362+P364: Take off contaminated clothing and wash it before reuse.
- P501: Dispose of contents/container to as required by national regulatory requirements.
- 16.9. Training advice: How to properly handle chemical substances / mixtures employees must be trained in accordance with national requirements.