

## 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	i-FASTE (with sodium fluoride)
Chemical name	-
Identified uses	Teeth surface polishing paste

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

Company	UAB "Medicinos linija"
Address	Karaliaučiaus str. 29 LT-78374 Šiauliai, Lithuania
Telephone	+370 41 553 553
Fax	+370 41 553 551
E-mail address	<a href="mailto:dental@i-dental.lt">dental@i-dental.lt</a>

##### 1.3. Emergency telephone number

Emergency telephone number (Available only during office hours)	+370 41 553 553
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#### SECTION 2: HAZARDS IDENTIFICATION

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

Acute Tox. 3  
Skin Irrit. 2  
Eye Irrit. 2

##### 2.1.1. Label elements

**Signal word** Danger

##### **Hazard statement**

H301: Toxic if swallowed  
H315: Causes skin irritation  
H319: Causes serious eye irritation  
EUH032: Contact with acids liberates very toxic gas

##### **Precautionary statement (prevention)**

P264: Wash hands thoroughly after handling  
P270: Do not eat, drink or smoke when using this product  
P280: Wear protective gloves/protective clothing/eye protection/face protection

##### **Precautionary statement (response)**

P301+P310: IF SWALLOWED: Immediately call a POISON CENTER or doctor/physician  
P321: Specific treatment (see section 4) on this label  
P330: Rinse mouth  
P302+P352: IF ON SKIN: Wash with plenty of soap and water  
P332+P313: If skin irritation occurs: Get medical advice/attention  
P362: Take off contaminated clothing and wash before reuse  
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

#### SECTION 3: COMPOSITION / INFORMATION ON INGREDIENTS

##### 3.1. Information on hazardous ingredients:

Name	CAS No	EC No	Hazard statement	Content, %
Sodium fluoride	7681-49-4	231-667-8	H301, H315, H319, EUH032	<1

#### 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 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. Give one or two glasses of water to drink. **Do NOT induce vomiting.** Refer for medical attention if irritation symptoms persist.

- 4.3. **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.
- 4.4. **If inhaled**  
Remove the casualty from the hazardous area and take him to the fresh air. If not breathing, give artificial respiration. Keep warm and at rest. Refer for medical attention.
- 4.5. **In case of skin contact**  
Take off contaminated clothing. Wash off with mild soap and plenty of water. If symptoms (irritation) occur obtain medical attention. Wash contaminated clothing before reuse.
- 4.6. **Most important symptoms and effects, both acute and delayed**  
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**  
Use suitable media for chemical fires.
- 5.2. **Advice for fire fighters**  
Standard procedure for chemical fires.
- 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 contact with skin and eye. 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 with inert absorbent material and dispose. Keep in suitable, closed containers for disposal.
- 6.4. **Reference to other sections**  
For disposal see section 13.

## SECTION 7: HANDLING AND STORAGE

- 7.1. **Precautions for safe handling**  
Avoid contact with eyes and skin. Use personal protective equipment. Keep tightly closed. Keep away from food, drinks and animal feed. Do not eat, drink or smoke when using this product.
- 7.2. **Conditions for safe storage, including any incompatibilities**  
Keep in cool, well ventilated place. Keep away from heat and direct sunlight. Storage temperature: Preferably not exceeding 28°C.
- 7.3. **Specific end uses**  
Dental use only.

## SECTION 8: EXPOSURE CONTROLS / PERSONAL PROTECTION

- 8.1. **Exposure limit values**  
Occupational Exposure limits

Substance	CAS No.	Long term exposure (8-hr TWA reference period)	Short term exposure (15 minute reference period)
Fluoride	16984-48-8	2.5 mg/m <sup>3</sup>	-

- 8.2. **Exposure controls**  
Provide adequate ventilation. Storage 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.
- 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 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**  
Keep working clothes separately. Take off contaminated 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**

Does not dust. 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).

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

Appearance	viscous paste
Odour	menthol/orange/apple (according to product specification)
Colour	green/orange/green-yellow (according to product specification)

**9.2. Important health, safety and environment information**

pH	7-9
Boiling point	no data available
Flash point	no data available

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

Stable under normal temperature and pressure

**10.2. Conditions to avoid**

Protect from heat and direct sunlight.

**10.3. Materials to avoid**

No data available.

**10.4. Hazard decomposition products**

No data available.

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

No data available regarding specific product.

**11.2. Inhalation**

No data available.

**11.3. Skin corrosion/irritation**

Causes skin irritation.

**11.4. Serious eye damage/eye irritation**

Causes serious eye irritation.

**11.5. Respiratory or skin sensitization**

No data available.

**11.6. Ingestion**

Toxic if swallowed.

**11.7. Germ cell mutagenicity**

No data available.

**11.8. 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.

**11.9. Reproductive toxicity**

No data available.

**11.10. Specific target organ toxicity - single exposure**

No data available.

**11.11. Specific target organ toxicity - repeated exposure**

No data available.

**11.12. Aspiration hazard**

No data available.

**11.13. Additional Information**

None of effects are likely to occur in humans, provided exposure is maintained at or below occupational exposure limit.

**11.14. Toxicity data**

Sodium fluoride: LD50 oral rat: 52 mg/kg.

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

No data available regarding specific product

**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**

Disposal should be in accordance with local, state or national legislation. Offer surplus and non-recyclable solutions to a licensed disposal company. Contaminated packagings dispose of as unused product. Do not remove the information from package.

**SECTION 14: TRANSPORT INFORMATION**

14.1. The product is not classified as dangerous for carriage

**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. References to the changes that have been made in comparison with \_ 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** Danger

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EUH032: Contact with acids liberates very toxic gas

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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

16.9. Training advice: How to properly handle chemical substances / mixtures employees must be trained in accordance with national requirements.