

## 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-OIL  
 Chemical name -  
 Identified uses Dental handpieces heads oil
- 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 [dental@i-dental.lt](mailto:dental@i-dental.lt)
- 1.3. Emergency telephone number**  
 Emergency telephone number +370 41 553 553  
 (Available only during office hours)

#### SECTION 2: HAZARDS IDENTIFICATION

- 2.1. Classification according to Regulation (EC) No 1272/2008 [EU-GHS/CLP]**  
 Press.Gas  
 Flam.Gas 1

**2.1.1. Label elements**  
**Pictograms**



**Signal word** Danger

**Hazard statements**

H220: Extremely flammable gas

**Precaution statements (prevention)**

P210: Keep away from heat/sparks/open flames/hot surfaces. — No smoking

P251: Pressurized container: Do not pierce or burn, even after use.

P410+P412: Protect from sunlight and do not expose to temperatures exceeding 50°C/122°F.

**Precaution statements (response)**

P377: Leaking gas fire: Do not extinguish, unless leak can be stopped safely

P381: Eliminate all ignition sources if safe to do so.

**Precaution statements (storage)**

P403: Store in a well-ventilated place.

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

**3.1. Information on ingredients:**

Name	CAS No	EC No	Hazard statement	Content, %
White oil	-	232-455-8	-	40-50
Butane	106-97-8	203-448-7	H220	20-30
Propane	74-98-6	200-827-9	H220	20-30

#### 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 wash out mouth with water; spit out the solution residues. **Do not induce vomiting.**  
 Refer for medical attention.
- 4.3. In case of eye contact**  
 Rinse thoroughly with plenty of water for at least 15 minutes holding the eyelids open. Remove contact lenses, if present and easy to do. Continue rinsing. Refer for immediate 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. Refer for medical attention.
- 4.5. **In case of skin contact**  
Take off contaminated clothing. Wash off with plenty of water and soap. 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 extinguishing media appropriate to the surrounding fire conditions.
- 5.2. **Advice for fire fighters**  
Wear suitable respiratory equipment when necessary.
- 5.3. **Special hazards arising from the substance or mixture**  
Burning produces irritating, toxic and obnoxious fumes.

## SECTION 6: ACCIDENTAL RELEASE MEASURES

- 6.1. **Personal precautions, protective equipment and emergency procedures**  
Ensure adequate ventilation of the working area. Do not allow product to enter drains. Prevent further spillage if safe. Absorb with inert, absorbent material. Sweep up. Transfer to suitable, labelled containers for disposal. Clean spillage area thoroughly with plenty of water.
- 6.2. **Reference to other sections**  
For disposal see section 13.

## SECTION 7: HANDLING AND STORAGE

- 7.1. **Precautions for safe handling**  
Avoid contact with skin and eyes. Avoid inhalation of high concentrations of vapours. Use only in well ventilated areas. Material is highly flammable; it must be kept from sources of ignition. 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, dry, well ventilated place. Keep away from sources of ignition – No smoking. Keep away from heat and direct sunlight. Store in correctly labelled containers.
- 7.3. **Specific end uses**  
For dental use only.

## SECTION 8: EXPOSURE CONTROLS / PERSONAL PROTECTION

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

SUBSTANCE	CAS No.	WEL 8 hr limit (mg/m <sup>3</sup> )	WEL 8hr limit (ppm)
Butane	106-97-8	1450	600
		WEL 15 min limit (mg/m <sup>3</sup> )	WEL 15 min limit (ppm)
		1810	750

- 8.2. **Exposure controls**  
Provide adequate ventilation to ensure that the defined occupational exposure limit is not exceeded. 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.
- 8.4.2. **Hand protection**  
Chemical resistant gloves (PVC).
- 8.4.3. **Skin protection**  
Keep working clothes separately. Take off contaminated clothing immediately. 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**  
Wear suitable respiratory equipment.

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

Appearance	aerosol
Odour	characteristic
Colour	clear

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

Specific gravity	0.85 g/cm <sup>3</sup>
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**SECTION 10: STABILITY AND REACTIVITY****10.1. Stability**

Stable under normal conditions.

**10.2. Conditions to avoid**

No data available.

**10.3. Materials to avoid**

No data available.

**10.4. Hazard decomposition products**

Burning produces obnoxious and irritating fumes.

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

No data available.

**11.2. Inhalation**

No data available.

**11.3. Skin corrosion/irritation**

No data available.

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

No data available.

**11.5. Respiratory or skin sensitization**

No data available.

**11.6. Ingestion**

No data available.

**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**

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. Toxicity**

No data available.

**12.5. Effect on Effluent Treatment**

No data available.

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

Disposal should be in accordance with local, state or national legislation. Contact a licensed waste disposal company. Do NOT reuse empty containers. Empty containers can be sent for disposal or recycling.

**SECTION 14: TRANSPORT INFORMATION**

- 14.1. UN number: 1950
- 14.2. UN proper shipping name: Aerosols, flammable
- 14.3. Hazard class: 2.1
- 14.4. ADR/RID hazard class: 2
- 14.5. Tunnel category: D
- 14.6. IMDG: EmS Code F-D S-U
- 14.7. IATA packing instruction (cargo): 203; maximum quantity 150kg
- 14.8. IATA packing instruction (passenger): 203; maximum quantity 75kg
- 14.9. 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. GHS – Globally Harmonized System
  - 16.5.3. CLP – Classification Labelling Packaging Regulation; Regulation (EC) No 1272/2008
  - 16.5.4. CAS No – Chemical Abstracts Service number
  - 16.5.5. EC No – EINECS and ELINCS Number (see also EINECS and ELINCS)
  - 16.5.6. PBT - Persistent, Bio accumulative and toxic substance
  - 16.5.7. vPvB – Very Persistent and Very Bio accumulative
  - 16.5.8. ADR – European Agreement concerning the International Carriage of Dangerous Goods by Road
  - 16.5.9. UN – United Nations
  - 16.5.10. LC50 – Lethal Concentration to 50 % of a test population
  - 16.5.11. 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>.
- 16.7. List of relevant hazard statements, safety phrases and/or precautionary statements full text:
  - Signal word: Danger**
  - H220: Extremely flammable gas
  - P210: Keep away from heat/sparks/open flames/hot surfaces. — No smoking
  - P251: Pressurized container: Do not pierce or burn, even after use.
  - P410+P412: Protect from sunlight and do not expose to temperatures exceeding 50°C/122°F.
  - P377: Leaking gas fire: Do not extinguish, unless leak can be stopped safely
  - P381: Eliminate all ignition sources if safe to do so.
  - P403: Store in a well-ventilated place.
- 16.8. Training advice: How to properly handle chemical substances / mixtures employees must be trained in accordance with national requirements.