

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 **Camphenol**
 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 +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]

Acute Tox.4
 Aquatic Chronic 1
 Flam. Liq.2
 STOT SE 2

2.1.1. Label elements

Pictograms



Signal word **Warning**

Hazard statements

H302: Harmful if swallowed.
 H312: Harmful in contact with skin.
 H332: Harmful if inhaled.
 H371: May cause damage to organs.
 H411: Toxic to aquatic life with long lasting effects.
 H225: Highly flammable liquid and vapour.

Precaution statements (prevention)

P280: Wear protective gloves/protective clothing/eye protection/face protection.
 P260: Do not breathing dust/fume/gas/mist/vapours/spray.
 P273: Avoid release to the environment.
 P210: Keep away from heat/sparks/open flames/hot surfaces. – No smoking.

Precaution statements (response)

P312: Call a POISON CENTER or doctor/physician if you feel unwell.
 P403+P235: Store in well-ventilated place. Keep cold.
 P333+P313: If skin irritation or rash occurs: Get medical advice/attention.
 P391: Collect spillage.

SECTION 3: COMPOSITION / INFORMATION ON INGREDIENTS

3.1. Components of the mixture:

Name	CAS No	EC No	Index No	Hazard statement	Content, %
4-chlorophenol	106-48-9	203-402-6	604-008-00-0	H302, H312, H332, H411	20-40
Camphor	76-22-2	200-945-0	-	H228, H332, H371	50-70

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 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. 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. Consult a physician.

4.5. **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.

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

Inhalation: Cough. Dizziness. Headache. Laboured breathing. Nausea. Sore throat. Vomiting. Weakness.

Skin: Redness. MAY BE ABSORBED!

Eyes: Redness. Pain. Blurred vision.

Ingestion: Burning sensation in the throat and chest. Nausea. Vomiting. Diarrhea. Headache. Confusion. Convulsions. Unconsciousness.

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 powder, water spray, foam, carbon dioxide.

5.2. **Advice for fire fighters**

Wear self contained breathing apparatus for fire fighting if necessary. NO open flames. Combustible.

5.3. **Special hazards arising from the substance or mixture**

Gives off irritating or toxic fumes (or gases) in a fire. Decomposes on burning. This produces toxic and corrosive fumes of hydrochloric acid and chlorine. Carbon oxides. Reacts with oxidants.

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. Ensure ventilation, local exhaust, or breathing protection.

6.2. **Environmental precautions**

Do NOT let this chemical 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**

Wipe small spill with absorbent paper cloth. Large spillage should be handled with inert non-combustible absorbent material (e.g. sand, sawdust). Collect spilled material in appropriate container for disposal. Dispose of as hazardous waste.

6.4. **Reference to other sections**

For disposal see section 13

SECTION 7: HANDLING AND STORAGE

7.1. **Precautions for safe handling**

Avoid from heat and ignition sources. Avoid contact with eyes and skin. Avoid inhalation of vapour or mist. Normal measures for preventive fire protection. Do not eat, drink or smoke when using this product. Keep away from heat/sparks/open flames/hot surfaces. — No smoking.

7.2. **Conditions for safe storage, including any incompatibilities**

Store in cool place. Keep container tightly closed in a dry and well-ventilated place. Store separated from strong oxidants, food and feedstuffs.

Incompatibilities: strong oxidizers (especially chromic anhydride & potassium permanganate).

Decomposes on burning. This produces toxic and corrosive fumes of hydrochloric acid and chlorine.

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. ACGIH, NIOSH and OSHA have not developed exposure limits for this product. Camphor: NIOSH REL: TWA 2 mg/m³; OSHA PEL: TWA 2 mg/m³.

8.2. **Exposure controls**

Install ventilation to prevent vapour formatting.

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 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

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	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

No data available.

10.3. Materials to avoid

Strong oxidants, strong reducing agents, chlorinated solvents and food and feedstuffs.

10.4. Hazard decomposition products

The substance decomposes on burning producing toxic gases and irritating fumes.

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

The substance can be absorbed into the body by inhalation of its aerosol, through the skin and by ingestion.

Detailed: p.4.6.

11.2. Signs and Symptoms of Exposure

Detailed in p.4.6.

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

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: 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

The mixture may cause effects on the central nervous system.

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	The mixture is toxic to aquatic organisms. The substance may cause long-term effects in the aquatic environment.
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	

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>.
- 16.7. List of relevant hazard statements, safety phrases and/or precautionary statements full text:
- Signal word: Warning**
- H302: Harmful if swallowed.
- H312: Harmful in contact with skin.
- H332: Harmful if inhaled.
- H371: May cause damage to organs.
- H411: Toxic to aquatic life with long lasting effects.
- H225: Highly flammable liquid and vapour.
- P280: Wear protective gloves/protective clothing/eye protection/face protection.
- P210: Keep away from heat/sparks/open flames/hot surfaces. – No smoking.
- P264: Wash hands thoroughly after handling.
- P270: Do not eat, drink or smoke when using this product.
- P272: Contaminated work clothing should not be allowed out of the workplace.
- P260: Do not breathing dust/fume/gas/mist/vapours/spray.
- P271: Use only outdoors or in a well-ventilated area.
- P273: Avoid release to the environment.
- P312: Call a POISON CENTER or doctor/physician if you feel unwell.
- P302+P352: IF ON SKIN: Wash with plenty of soap and water.
- P333+P313: If skin irritation or rash occurs: Get medical advice/attention.
- P363: Wash contaminated clothing before reuse.
- P301+P312: IF SWALLOWED: Call a POISON CENTER or doctor/physician if you feel unwell.
- P330: Rinse mouth.
- P304+P340: IF INHALED: Remove victim to fresh air and keep at rest in a position comfortable for breathing.
- P321: Specific treatment (see section 4 on this label).
- P322: Specific measures (see section 7 on this label).
- P403+P235: Store in well-ventilated place. Keep cold.
- P391: Collect spillage.
- P501: Dispose of contents/container to as required by regulatory requirements.
- 16.8. Training advice: How to properly handle chemical substances / preparations employees must be trained in accordance with national requirements.