

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 Plus
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
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SECTION 2: HAZARDS IDENTIFICATION

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

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

2.1.1. Label elements

Pictograms



Signal word **Danger**

Hazard statements

H332: Harmful if inhaled
H302: Harmful if swallowed
H312: Harmful in contact with skin
H317: May cause an allergic skin reaction
H314: Causes severe skin burns and eye damage
H371: May cause damage to organs
H411: Toxic to aquatic life with long lasting effects
H225: Highly flammable liquid and vapour

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
P273: Avoid release to the environment

Precaution statements (response)

P310: Immediately call a POISON CENTER or doctor/physician
P303+P361+P353: IF ON SKIN (or hair): Remove/Take off immediately all contaminated clothing. Rinse skin with water/shower
P333+P313: If skin irritation or rash occurs: Get medical advice/attention
P301+P330+P331: IF SWALLOWED: rinse mouth. Do NOT induce vomiting
P305+P351+P338: IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing
P391: Collect spillage
P403+P235: Store in well-ventilated place. Keep cool

SECTION 3: COMPOSITION / INFORMATION ON INGREDIENTS

3.1. Components of the mixture:

Name	CAS No	EC No	Index No	Hazard statement	Content, %
Camphor	76-22-2	200-945-0	-	H228, H332, H371	50-70

4-chlorophenol	106-48-9	203-402-6	604-008-00-0	H302, H312, H332, H411	20-40
Thymol	89-83-8	201-944-8	604-032-00-1	H302, H314, H411	5-10
Dexamethasone 21-acetate	1177-87-3	214-646-8	-	H317	0.10

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: MAY BE ABSORBED! Redness. Pain.

Eyes: Redness. Pain. Blurred vision.

Ingestion: Abdominal pain. Unconsciousness. Burning sensation in the throat and chest. Nausea. Vomiting. Diarrhoea. 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. Use explosion-proof electrical/ventilating/lighting equipment. Ground/bond container and receiving equipment. 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. Reacts with oxidants.

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 ^o 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 oxidizers (especially chromic anhydride & potassium permanganate).

10.4. Hazard decomposition products

The substance decomposes on burning producing toxic and corrosive fumes (hydrochloric acid, chlorine). Reacts with oxidants.

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

May cause allergic skin reactions.

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

The mixture is toxic to aquatic organisms. The substance

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: Danger**
 - H332: Harmful if inhaled
 - H302: Harmful if swallowed
 - H312: Harmful in contact with skin
 - H317: May cause an allergic skin reaction
 - H314: Causes severe skin burns and eye damage
 - H371: May cause damage to organs
 - H411: Toxic to aquatic life with long lasting effects
 - H225: Highly flammable liquid and vapour
 - P260: Do not breathe dust/fume/gas/mist/vapours/spray
 - P280: Wear protective gloves/protective clothing/eye protection/face protection
 - P264: Wash hands thoroughly after handling
 - P270: Do not eat, drink or smoke when using this product
 - P210: Keep away from heat/sparks/open flames/hot surfaces. — No smoking
 - P272: Contaminated work clothing should not be allowed out of the workplace
 - P271: Use only outdoors or in a well-ventilated area
 - P240: Ground/bond container and receiving equipment
 - P241: Use explosion-proof electrical/ventilating/lighting equipment
 - P273: Avoid release to the environment
 - P310: Immediately call a POISON CENTER or doctor/physician
 - P304+P340: IF INHALED: Remove victim to fresh air and keep at rest in a position comfortable for breathing
 - P303+P361+P353: IF ON SKIN (or hair): Remove/Take off immediately all contaminated clothing. Rinse skin with water/shower
 - P333+P313: If skin irritation or rash occurs: Get medical advice/attention
 - P363: Wash contaminated clothing before reuse
 - 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
 - P305+P351+P338: IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing
 - P321: Specific treatment (see section 4 on this label)
 - P322: Specific measures (see section 7 on this label)
 - P370+P378: In case of fire (see section 5 on this label)
 - P391: Collect spillage
 - P403+P235: Store in well-ventilated place. Keep cool
 - P501: Dispose of contents/container to as required by regulatory requirements
- 16.8. Training advice: How to properly handle chemical substances / mixtures employees must be trained in accordance with national requirements.