Safety data sheet
According to 1907/2006/EC, Article 31

SECTION 1: Identification of the substance/mixture and of the company/undertaking

1.1 Product identifier

Trade name: ALVEOGYL

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

No further relevant information available.

1.3 Details of the supplier of the safety data sheet

Manufacturer/Supplier:
SEPTODONT,
58 rue du Pont de Creteil
94100 Saint Maur des Fosses
France
Téléphone: +33(0)149767000
Fax: +33(0)148855401
msds@septodont.com
http://www.septodont.com

1.4 Emergency telephone number:
France (INRS 24h/24) - Tel : +33 (0)1 45 42 59 59
Ireland - Tel : 00 353 1 8092568 - 00 353 1 8379964 (24h/24) EU Tel: 112
Belgique - Tel : 32 070/245 245
UK : Call NHS 999 in a medical emergency. If you urgently need medical help or advice but it's not a life-threatening situation, call 111 (24/7). The NHS 111 number is currently only available in certain areas. If you're outside of these areas, you should call NHS Direct on 0845 4647

SECTION 2: Hazards identification

2.1 Classification of the substance or mixture

Classification according to Regulation (EC) No 1272/2008 :

GHS07

Eye Irrit. 2  H319  Causes serious eye irritation.
Skin Sens. 1  H317  May cause an allergic skin reaction.

Aquatic Chronic 3  H412  Harmful to aquatic life with long lasting effects.

2.2 Label elements

Labelling according to Regulation (EC) No 1272/2008
The product is classified and labelled according to the CLP regulation.

Hazard pictograms

GHS07

Signal word Warning

Hazard-determining components of labelling:
Eugenol
1-carvone
(S)-p-mentha-1,8-diene

(Contd. on page 2)
SECTION 3: Composition/information on ingredients

- 3.2 Chemical characterisation: Mixtures
- Description: Mixture: consisting of the following components.

<table>
<thead>
<tr>
<th>CAS</th>
<th>EINECS</th>
<th>Index number</th>
<th>RTECS</th>
<th>Dangerous components:</th>
</tr>
</thead>
<tbody>
<tr>
<td>97-53-0</td>
<td>202-589-1</td>
<td>606-148-00-8</td>
<td>OS 8630000</td>
<td>Eugenol Acute Tox. 4, H302; Eye Irrit. 2, H319; Skin Sens. 1, H317 10-25%</td>
</tr>
<tr>
<td></td>
<td>229-352-5</td>
<td>601-029-00-7</td>
<td>OS 8350000</td>
<td>l-carvone Acute Tox. 4, H302; Skin Sens. 1, H317 5-10%</td>
</tr>
<tr>
<td>151-21-3</td>
<td>205-788-1</td>
<td>601-029-00-7</td>
<td>OS 8350000</td>
<td>sodium dodecyl sulphate Acute Tox. 3, H311; Eye Dam. 1, H318; Acute Tox. 4, H302; Skin Irrit. 2, H315 ≤2.5%</td>
</tr>
<tr>
<td>5989-54-8</td>
<td>227-815-6</td>
<td>601-029-00-7</td>
<td>OS 8350000</td>
<td>(S)-p-mentha-1,8-diene Flam. Liq. 3, H226; Asp. Tox. 1, H304; Aquatic Chronic 1, H410; Skin Irrit. 2, H315; Skin Sens. 1, H317 ≤2.5%</td>
</tr>
<tr>
<td>89-80-5</td>
<td>201-941-1</td>
<td></td>
<td></td>
<td>trans-p-Menthan-3-one Skin Irrit. 2, H315; Skin Sens. 1B, H317; Aquatic Chronic 3, H412 &lt;0.5%</td>
</tr>
</tbody>
</table>

- SVHC No
- Additional information: For the wording of the listed risk phrases, refer to section 16.

SECTION 4: First aid measures

- 4.1 Description of first aid measures
- General information:
  Symptoms of poisoning may even occur after several hours; therefore medical observation for at least 48 hours after the accident.
SECTION 5: Firefighting measures

- 5.1 Suitable extinguishing agents:
  CO2, powder or water spray. Fight larger fires with water spray or alcohol resistant foam.
- 5.2 Special hazards arising from the substance or mixture: No further relevant information available.
- 5.3 Advice for firefighters
  Protective equipment: No special measures required.

SECTION 6: Accidental release measures

- 6.1 Personal precautions, protective equipment and emergency procedures: Not required.
- 6.2 Environmental precautions:
  Do not allow product to reach sewage system or any water course.
  Inform respective authorities in case of seepage into water course or sewage system.
  Do not allow the product to enter sewers/ surface water or ground water.
- 6.3 Methods and material for containment and cleaning up:
  Dispose contaminated material as waste according to item 13.
  Ensure adequate ventilation.
- 6.4 Reference to other sections:
  See Section 7 for information on safe handling.
  See Section 8 for information on personal protective equipment.
  See Section 13 for disposal information.

SECTION 7: Handling and storage

- 7.1 Precautions for safe handling:
  Ensure good ventilation/exhaustation at the workplace.
  Prevent formation of dust.
- 7.2 Conditions for safe storage, including any incompatibilities
  Storage:
  Requirements to be met by storerooms and receptacles: No special requirements.
  Information about storage in one common storage facility: Not required.
  Further information about storage conditions: Keep container tightly sealed.
- 7.3 Specific end use(s): No further relevant information available.
### SECTION 8: Exposure controls/personal protection

- **Additional information about design of technical facilities:** No further data; see section 7.

- **8.1 Control parameters**

<table>
<thead>
<tr>
<th>Ingredient</th>
<th>MAK (Switzerland)</th>
<th>Long-term value: 3 a mg/m³</th>
</tr>
</thead>
<tbody>
<tr>
<td>CAS: 471-34-1 calcium carbonate (10-25%)</td>
<td></td>
<td></td>
</tr>
<tr>
<td>CAS: 5989-27-5 (R)-p-mentha-1,8-diene (&lt;0.1%)</td>
<td>Short-term value: 80 mg/m³, 14 ppm</td>
<td>Long-term value: 40 mg/m³, 7 ppm</td>
</tr>
<tr>
<td></td>
<td></td>
<td>S SSc;</td>
</tr>
<tr>
<td>CAS: 80-56-8 alpha-Pinene (&lt;0.1%)</td>
<td>Short-term value: 224 mg/m³, 40 ppm</td>
<td>Long-term value: 112 mg/m³, 20 ppm</td>
</tr>
<tr>
<td></td>
<td></td>
<td>H S;</td>
</tr>
</tbody>
</table>

- **Additional information:**
The most current valid lists have been used as a basis for the production of this document.

- **8.2 Exposure controls**

- **Personal protective equipment:**

  - **General protective and hygienic measures:**
    - Keep away from food, beverages and petfood.
    - Immediately remove all soiled and contaminated clothing
    - Wash hands before breaks and at the end of work.
    - Avoid contact with the eyes and skin.

  - **Respiratory protection:**
    - In case of brief exposure or low pollution use respiratory filter device. In case of intensive or longer exposure use self-contained respiratory protective device.

  - **Protection of hands:**
    - Protective gloves

  - **Gloves material:** Butyl rubber, BR

  - **Eye protection:**
    - Safety glasses
    - Tightly sealed goggles
SECTION 9: Physical and chemical properties

- 9.1 Information on basic physical and chemical properties
- General Information
  - Appearance:
    - Form: Pasty
    - Colour: Brown
  - Odour: Characteristic
  - Odour threshold: Not determined.
  - pH-value: Not applicable.
- Change in condition
  - Melting point/freezing point: Undetermined.
  - Initial boiling point and boiling range: Undetermined.
  - Flash point: Not applicable.
  - Flammability (solid, gas): Not determined.
  - Ignition temperature: 340 °C
  - Decomposition temperature: Not determined.
  - Auto-ignition temperature: Product is not self igniting.
  - Explosive properties: Product does not present an explosion hazard.
  - Explosion limits:
    - Lower: Not determined.
    - Upper: Not determined.
  - Vapour pressure at 20 °C: 23 hPa
  - Density: Not determined.
  - Relative density:
  - Vapour density: Not applicable.
  - Evaporation rate: Not applicable.
  - Solubility in / Miscibility with water: Fully soluble.
  - Segregation coefficient (n-octanol/water): Not determined.
  - Viscosity:
    - Dynamic: Not applicable.
    - Kinematic: Not applicable.
  - Solvent content:
    - VOC (EC): 0.00 %
  - 9.2 Other information: No further relevant information available.

SECTION 10: Stability and reactivity

- 10.1 Reactivity: No further relevant information available.
- 10.2 Chemical stability
  - Thermal decomposition / conditions to be avoided: No decomposition if used according to specifications.
  - 10.3 Possibility of hazardous reactions: No dangerous reactions known.
  - 10.4 Conditions to avoid: No further relevant information available.
  - 10.5 Incompatible materials: No further relevant information available.
Trade name: ALVEOGYL

10.6 Hazardous decomposition products: No dangerous decomposition products known.

SECTION 11: Toxicological information

11.1 Information on toxicological effects

Acute toxicity: Based on available data, the classification criteria are not met.

LD/LC50 values relevant for classification:

<table>
<thead>
<tr>
<th>CAS</th>
<th>Oral LD50</th>
<th>Dermal LD50</th>
</tr>
</thead>
<tbody>
<tr>
<td>CAS: 97-53-0 Eugenol</td>
<td>1,930 mg/kg (rat)</td>
<td></td>
</tr>
<tr>
<td>CAS: 6485-40-1 l-carvone</td>
<td>1,640 mg/kg (rat)</td>
<td></td>
</tr>
<tr>
<td>CAS: 151-21-3 sodium dodecyl sulphate</td>
<td>1,288 mg/kg (rat)</td>
<td>300 mg/kg (ATE)</td>
</tr>
</tbody>
</table>

Primary irritant effect:

On the skin: Based on available data, the classification criteria are not met.

On the eyes: Causes serious eye irritation.

Respiratory or skin sensitization: May cause an allergic skin reaction.

CMR effects: (carcinogenicity, mutagenicity and toxicity for reproduction)

Germ cell mutagenicity: Based on available data, the classification criteria are not met.

Carcinogenicity: Based on available data, the classification criteria are not met.

Reproductive toxicity: Based on available data, the classification criteria are not met.

STOT-single exposure: Based on available data, the classification criteria are not met.

STOT-repeated exposure: Based on available data, the classification criteria are not met.

Aspiration hazard: Based on available data, the classification criteria are not met.

SECTION 12: Ecological information

12.1 Toxicity

Aquatic toxicity: No further relevant information available.

12.2 Persistence and degradability: No further relevant information available.

12.3 Bioaccumulative potential: No further relevant information available.

12.4 Mobility in soil: No further relevant information available.

Ecotoxical effects:

Remark: Harmful to fish

Additional ecological information:

General notes:

Water hazard class 2 (German Regulation) (Self-assessment): hazardous for water

Do not allow product to reach ground water, water course or sewage system.

Danger to drinking water if even small quantities leak into the ground.

Harmful to aquatic organisms

12.5 Results of PBT and vPvB assessment

PBT: Not applicable.

vPvB: Not applicable.
Safety data sheet
According to 1907/2006/EC, Article 31

Trade name: ALVEOGYL

12.6 Other adverse effects: No further relevant information available.

SECTION 13: Disposal considerations

13.1 Waste treatment methods
Recommendation:
Must not be disposed of together with household garbage. Do not allow product to reach sewage system.

European waste catalogue
HP 4 Irritant - skin irritation and eye damage
HP 6 Acute Toxicity
HP 13 Sensitising
HP 14 Ecotoxic

Uncleaned packaging:
Recommendation: Disposal must be made according to official regulations.
Recommended cleansing agents: Water, if necessary together with cleansing agents.

SECTION 14: Transport information

14.1 UN-Number
ADR, ADN, IMDG, IATA Not classified as hazardous for transport

14.2 UN proper shipping name
ADR, ADN, IMDG, IATA Not classified as hazardous for transport

14.3 Transport hazard class(es)
ADR, ADN, IMDG, IATA Not classified as hazardous for transport

14.4 Packing group
ADR, IMDG, IATA Not classified as hazardous for transport

14.5 Environmental hazards:
Marine pollutant: No

14.6 Special precautions for user
Not applicable.

14.7 Transport in bulk according to Annex II of Marpol and the IBC Code
Not applicable.

UN "Model Regulation": Not classified as hazardous for transport

SECTION 15: Regulatory information

15.1 Safety, health and environmental regulations/legislation specific for the substance or mixture
Directive 2012/18/EU
Named dangerous substances - ANNEX I None of the ingredients is listed.
15.2 Chemical safety assessment: A Chemical Safety Assessment has not been carried out.

SECTION 16: Other information

This information is based on our present knowledge. However, this shall not constitute a guarantee for any specific product features and shall not establish a legally valid contractual relationship.

Relevant phrases:
- H226 Flammable liquid and vapour.
- H302 Harmful if swallowed.
- H304 May be fatal if swallowed and enters airways.
- H311 Toxic in contact with skin.
- H315 Causes skin irritation.
- H317 May cause an allergic skin reaction.
- H318 Causes serious eye damage.
- H319 Causes serious eye irritation.
- H410 Very toxic to aquatic life with long lasting effects.
- H412 Harmful to aquatic life with long lasting effects.

Classification according to Regulation (EC) No 1272/2008

<table>
<thead>
<tr>
<th>Serious eye damage/eye irritation</th>
<th>The classification of the mixture is generally based on the calculation method using substance data according to Regulation (EC) No 1272/2008.</th>
</tr>
</thead>
<tbody>
<tr>
<td>Skin sensitisation</td>
<td></td>
</tr>
<tr>
<td>Hazardous to the aquatic environment - long-term (chronic) aquatic hazard</td>
<td></td>
</tr>
</tbody>
</table>

Abbreviations and acronyms:
- ADR: Accord européen sur le transport des marchandises dangereuses par Route (European Agreement concerning the International Carriage of Dangerous Goods by Road)
- IMDG: International Maritime Code for Dangerous Goods
- IATA: International Air Transport Association
- GHS: Globally Harmonised System of Classification and Labelling of Chemicals
- EINECS: European Inventory of Existing Commercial Chemical Substances
- ELINCS: European List of Notified Chemical Substances
- CAS: Chemical Abstracts Service (division of the American Chemical Society)
- VOC: Volatile Organic Compounds (USA, EU)
- LC50: Lethal concentration, 50 percent
- LD50: Lethal dose, 50 percent
- PBT: Persistent, Bioaccumulative and Toxic
- SVHC: Substances of Very High Concern
- vPvB: very Persistent and very Bioaccumulative
- Flam. Liq. 3: Flammable liquids – Category 3
- Acute Tox. 4: Acute toxicity – Category 4
- Acute Tox. 3: Acute toxicity – Category 3
- Skin Irrit. 2: Skin corrosion/irritation – Category 2
- Eye Dam. 1: Serious eye damage/eye irritation – Category 1
- Eye Irrit. 2: Serious eye damage/eye irritation – Category 2
- Skin Sens. 1: Skin sensitisation – Category 1
- Skin Sens. 1B: Skin sensitisation – Category 1B
- Asp. Tox. 1: Aspiration hazard – Category 1
- Aquatic Chronic 1: Hazardous to the aquatic environment - long-term aquatic hazard – Category 1
- Aquatic Chronic 3: Hazardous to the aquatic environment - long-term aquatic hazard – Category 3