

Material Safety Data Sheet
According to 2004/73/CE

Printing date 21.11.2006

Reviewed on 21.11.2006

1 Identification of the substance/preparation and of the company/undertaking

· **Product details**

· **Trade name:** VAPOSEPT

· **Application of the substance / the preparation**

Disinfection with the dentist's surgery by pulverization

· **Manufacturer/Supplier:**

SEPTODONT

58, rue du Pont de Créteil

94107 Saint-Maur-des-Fossés Cedex

Tél: +33 (0)1 49 76 70 00

Fax: +33 (0)1 48 85 54 01

· **Further information obtainable from:** Laboratory

· **Information in case of emergency:** NHS Direct: 0845 46 47 / Textphone: 0845 606 46 47

2 Composition/information on ingredients

· **Chemical characterization**

· **Description:** Mixture of substances listed below with nonhazardous additions.

· **Dangerous components:**

CAS: 64-17-5 EINECS: 200-578-6	ethanol	 F; R 11	25-50%
CAS: 50-00-0 EINECS: 200-001-8	formaldehyde	Carc. Cat. 1;  T; R 45-23/24/25-34-40-43	< 1%

· **Additional information:** For the wording of the listed risk phrases refer to section 16.

3 Hazards identification

· **Hazard description:**



T Toxic

· **Information concerning particular hazards for human and environment:**

The product has to be labelled due to the calculation procedure of the "General Classification guideline for preparations of the EU" in the latest valid version.

R 45 May cause cancer.

R 10 Flammable.

· **Classification system:**

The classification is according to the latest editions of the EU-lists, and extended by company and literature data.

4 First aid measures

· **After inhalation:** Supply fresh air; consult doctor in case of complaints.

· **After skin contact:** Generally the product does not irritate the skin.

· **After eye contact:** Rinse opened eye for several minutes under running water.

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- **After swallowing:** If symptoms persist consult doctor.

5 Fire-fighting measures

- **Suitable extinguishing agents:**
CO₂, powder or water spray. Fight larger fires with water spray or alcohol resistant foam.
- **Protective equipment:** No special measures required.

6 Accidental release measures

- **Person-related safety precautions:** Wear protective equipment. Keep unprotected persons away.
- **Measures for environmental protection:**
Dilute with plenty of water.
Do not allow to enter sewers/ surface or ground water.
- **Measures for cleaning/collecting:**
Absorb with liquid-binding material (sand, diatomite, acid binders, universal binders, sawdust).
Ensure adequate ventilation.

7 Handling and storage

- **Handling:**
- **Information for safe handling:**
Ensure good ventilation/exhaustion at the workplace.
Prevent formation of aerosols.
- **Information about fire - and explosion protection:**
Keep ignition sources away - Do not smoke.
Protect against electrostatic charges.
- **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.

8 Exposure controls/personal protection

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

- **Ingredients with limit values that require monitoring at the workplace:**

64-17-5 ethanolWEL (Great Britain) Long-term value: 1920 mg/m³, 1000 ppm**50-00-0 formaldehyde**WEL (Great Britain) Short-term value: 2.5 mg/m³, 2 ppm
Long-term value: 2.5 mg/m³, 2 ppm

- **Additional information:** The lists valid during the making were used as basis.

- **Personal protective equipment:**
- **General protective and hygienic measures:** Wash hands before breaks and at the end of work.

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- **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:** Not required.
- **Material of gloves:** Rubber gloves
- **Eye protection:**



Tightly sealed goggles

9 Physical and chemical properties

· **General Information**

Form:	Fluid
Colour:	According to product specification
Odour:	Odourless

· **Change in condition**

Melting point/Melting range: Undetermined.
Boiling point/Boiling range: Undetermined.

· **Flash point:** 26°C

· **Flammability (solid, gaseous):** Flammable.

· **Self-igniting:** Product is not selfigniting.

· **Danger of explosion:** Product is not explosive. However, formation of explosive air/vapour mixtures are possible.

· **Density at 20°C:** 0.94 g/cm³

· **Solubility in / Miscibility with water:** Fully miscible.

· **pH-value at 20°C:** 5

10 Stability and reactivity

· **Thermal decomposition / conditions to be avoided:**

No decomposition if used according to specifications.

· **Dangerous reactions:** No dangerous reactions known.

· **Dangerous decomposition products:** No dangerous decomposition products known.

11 Toxicological information

· **Acute toxicity:**

· **Primary irritant effect:**

· **on the skin:** No irritant effect.

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- **on the eye:** No irritating effect.
- **Sensitization:** No sensitizing effects known.

12 Ecological information

- **General notes:**
Water hazard class 1 (German Regulation) (Self-assessment): slightly hazardous for water
Do not allow undiluted product or large quantities of it to reach ground water, water course or sewage system.

13 Disposal considerations

- **Product:**
- **Recommendation**
Must not be disposed together with household garbage. Do not allow product to reach sewage system.
- **Uncleaned packaging:**
- **Recommendation:** Disposal must be made according to official regulations.
- **Recommended cleansing agents:** Water, if necessary together with cleansing agents.

14 Transport information

- **Land transport ADR/RID (cross-border)**



- **ADR/RID class:** 3 (F1) Flammable liquids.
- **Danger code (Kemler):** 30
- **UN-Number:** 1170
- **Packaging group:** III
- **Hazard label:** 3
- **Description of goods:** 1170 ETHANOL (ETHYL ALCOHOL)

- **Maritime transport IMDG:**



- **IMDG Class:** 3
- **UN Number:** 1170
- **Label:** 3
- **Packaging group:** III
- **EMS Number:** F-E,S-D
- **Marine pollutant:** No

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· Proper shipping name: ETHANOL (ETHYL ALCOHOL)**· Air transport ICAO-TI and IATA-DGR:**

- ICAO/IATA Class:** 3
- UN/ID Number:** 1170
- Label:** 3
- Packaging group:** III
- Proper shipping name: ETHANOL**

15 Regulatory information

· Labelling according to EU guidelines:

The product has been marked in accordance with EU Directives / respective national laws.

· Code letter and hazard designation of product:**T Toxic****· Hazard-determining components of labelling:**

formaldehyde

· Risk phrases:

45 May cause cancer.

10 Flammable.

· Safety phrases:

53 Avoid exposure - obtain special instructions before use.

20 When using do not eat or drink.

23 Do not breathe gas/fumes/vapour/spray (appropriate wording to be specified by the manufacturer).

36/39 Wear suitable protective clothing and eye/face protection.

38 In case of insufficient ventilation, wear suitable respiratory equipment.

45 In case of accident or if you feel unwell, seek medical advice immediately (show the label where possible).

60 This material and its container must be disposed of as hazardous waste.

· Special labelling of certain preparations:

Contains formaldehyde. May produce an allergic reaction.

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.

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· Relevant R-phrases

- 11 *Highly flammable.*
- 23/24/25 *Toxic by inhalation, in contact with skin and if swallowed.*
- 34 *Causes burns.*
- 40 *Limited evidence of a carcinogenic effect.*
- 43 *May cause sensitisation by skin contact.*
- 45 *May cause cancer.*

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