



## SAFETY DATA SHEET

### 1 - IDENTIFICATION OF THE SUBSTANCE/PREPARATION AND OF THE COMPANY/UNDERTAKING

**Identification of the substance or preparation:**

Name: VAPOSEPT PLUS

Product code: 2080000

**Company/undertaking identification:**

Registered company name: SEPTODONT.

Address: 58, rue du Pont de Créteil.94107.SAINT-MAUR-DES-FOSSES Cedex.FRANCE.

Telephone: +33 (0)1 49 76 70 00. Fax: +33 (0)1 48 85 54 01.

e.mail : msds@septodont.com

**Emergency telephone: +33 (0)1 45 42 59 59.**
Association/Organisation: INRS / ORFILA <http://www.centres-antipoison.net>.
**Use of the substance/preparation:**

Disinfection of medical devices

### 2 - HAZARDS IDENTIFICATION

This product is classified: Flammable.

This preparation is not classified as hazardous to health by directive 1999/45/EC.

### 3 - COMPOSITION/INFORMATION ON INGREDIENTS

Full text of risk phrases appearing in section 3: see section 16.

**Hazardous substances present on their own:**

(present in the preparation at a sufficient concentration to give it the toxicological characteristics it would have in a 100% pure state)

This preparation contains no hazardous substance in this category.

**Other substances representing a hazard:**

No known substance in this category present.

**Substances present at a concentration below the minimum danger threshold:**

INDEX	CAS	EC	Name	Symb.	R:	%
603-117-00-0	67-63-0	200-661-7	PROPAN-2-OL	Xi F	11 36 67	0 <= x % < 2.5

**Other substances with occupational exposure limits:**

INDEX	CAS	EC	Name	Symb.	R:	%
603-002-00-5	64-17-5	200-578-6	ETHANOL	F	11	50 <= x % < 100

### 4 - FIRST AID MEASURES

As a general rule, in case of doubt or if symptoms persist, always call a doctor.

NEVER induce swallowing in an unconscious person.

**In the event of exposure by inhalation:**

Move the person away from the place of exposure and take him/her outside.

**In the event of splashes or contact with eyes:**

If applicable, remove contact lenses.

Wash thoroughly with soft clean water for 15 minutes, holding the eyelids open.

If there is any redness, pain or visual impairment, consult an ophthalmologist. Show this container or label.

**In the event of splashes or contact with skin:**

Remove all contaminated or stained clothing immediately. Do not use them again until they have been decontaminated.

Rinse immediately and thoroughly with water.

In the event of skin irritation, seek medical advice. Show this container or label.

**In the event of swallowing:**

Rinse out the mouth, do not allow to drink, do not induce vomiting. Calm the person down and transfer immediately to hospital or doctor. Show the label to the doctor.

**5 - FIRE-FIGHTING MEASURES**

Chemical powders, carbon dioxide and other extinguishing gas are suitable for small fires.

Move any flammable materials away from the fire.

Move oxidising products away from the fire.

Spray water to cool down surfaces exposed to fire and to protect the personnel.

**Suitable extinguishing media:**

Special foams for polar liquids (known as alcohol resistant), powders, carbon dioxide.

Use powder or foam extinguishers.

**Extinguishing media which must not be used for safety reasons:**

Sometimes, and due to the presence of organic material, a fire may produce a thick black smoke. Exposure to decomposition products may be hazardous to health.

Do not breathe in smoke.

Prevent the effluent of fire-fighting measures from entering drains or waterways.

**Special protective equipment for fire-fighters:**

Fire-fighting personnel are to be equipped with autonomous insulating breathing apparatus.

Full protective suit.

**6 - ACCIDENTAL RELEASE MEASURES****Personal precautions:**

Avoid inhaling the vapors.

Consult the safety measures listed under headings 7 and 8.

Keep away any unprotected person.

Move all flammable sources out of danger and keep them away from the scene.

Eliminate any possible source of ignition and ventilate the premises.

**Environmental precautions:**

Contain and control the leaks or spills with non-combustible absorbent materials such as sand, earth, vermiculite, diatomaceous earth in drums for waste disposal.

Prevent any material from entering drains or waterways.

Use drums to dispose of waste recovered in accordance with applicable regulations (see heading 13).

If the product contaminates waterways, rivers or drains, alert the relevant authorities in accordance with statutory procedures

**Methods for cleaning up:**

Absorb any spilled product with absorbent non-combustible materials, and sweep away or remove with a shovel. Put any waste in drums for disposal. Do not mix with any other waste. Wash the contaminated surface thoroughly with water.

For small quantities, dilute the product with large quantities of water and rinse away.

Do not collect the product for re-use.

**7 - HANDLING AND STORAGE**

The regulations relating to storage premises apply to workshops where the product is handled.

**Handling:**

Prevent the formation of flammable or explosive concentrations in air and avoid vapor concentrations higher than the occupational exposure limits.

Product for external use - do not swallow.

Avoid all contact with skin or eyes.

Handle in accordance with user instructions on label

Do not breathe in the vapours, aerosols, spray mists.

**Fire prevention:**

Use the product in premises where there are no naked flames or other sources of ignition and have protected electrical equipment

Keep packages tightly closed and away from sources of heat, sparks and naked flames.

Do not use tools which may produce sparks. Do not smoke.

Prevent access by unauthorised personnel.

Keep away from flammable materials

**Recommended equipment and procedures:**

- For personal safety, see §8.
- Observe precautions stated on label and also industrial safety regulations
- Avoid inhaling vapors.
- Ensure room is well ventilated.
- Water source nearby.

**Storage:**

- Keep the container tightly closed
- Keep in the original container only, in a cool and well-ventilated place, away from all sources of ignition, heat and direct sunlight.
- Recommended storage temperature: from +5°C to +25°C.
- Do not use after the expiry date mentioned on the packaging.
- Keep out of the reach of children

**Specific use(s):**

- For professional use only
- Refer to paragraph 1 for product indication

**8 - EXPOSURE CONTROLS/PERSONAL PROTECTION**

Use personal protection equipment as per Directive 89/686/EEC.

The information in this chapter refers to the product specifically described in this document. If the product is handled and/or exposed simultaneously with other chemical agents, these must be taken into consideration when choosing personal safety equipment.

The Exposure Threshold Limit Value and the Average Exposure Value given below are quoted by the CAS number of the substance. Paragraph 3 details the chemical name corresponding to the CAS number.

**Exposure limit values per INRS ED 984:**

France	VME-ppm:	VME-mg/m3:	VLE-ppm:	VLE-mg/m3:	Notes:	TMP N°:
67-63-0	-	-	400	980	-	84
64-17-5	1000	1900	5000	9500	-	84

**Exposure limit values (2003-2006):**

Switzerland	VME-mg/m3:	VME-ppm:	VLE-mg/m3:	VLE-ppm:	Temps:	RSB:
67-63-0	500	200	1000	400	4x15	B
64-17-5	960	500	1920	1000	4x15	-
Germany/AGW	AGW:	AGW:	Faktor:	Bemerkungen:		
67-63-0	200 ml/m3	500 mg/m3	2(II)	DFG, Y		
64-17-5	500 ml/m3	960 mg/m3	2(II)	DFG. Y		
Slovakia	TWA:	STEL:	Ceiling:	Definition:	Criterion:	
67-63-0	200 ppm	500 mg/m3	II..1			
64-17-5	500 ppm	960 mg/m3	II..1			
UK/WELs	TWA:	STEL:	Ceiling:	Definition:	Criterion:	
67-63-0	400 ppm	500 ppm	-	-	-	
64-17-5	1000 ppm	-	-	-	-	
Czech Rep.	TWA:	STEL:	Ceiling:	Definition:	Criterion:	
67-63-0	500 mg/m3	1000 mg/m3	-	-	-	
64-17-5	1000 mg/m3	3000 mg/m3	-	-	-	
UK/OES	TWA:	STEL:	Ceiling:	Definition:	Criterion:	
67-63-0	400 ppm	500 ppm	-	-	-	
64-17-5	1000 ppm	-	-	-	-	
Belgique	TWA:	STEL:	Ceiling:	Definition:	Criterion:	
67-63-0	400 ppm	500 ppm	-	-	-	
64-17-5	1000 ppm	-	-	-	-	
Polska	TWA:	STEL:	Ceiling:	Definition:	Criterion:	
67-63-0	900 mg/m3	1200 mg/m3	-	-	-	
64-17-5	1900 mg/m3	-	-	-	-	
España	TWA:	STEL:	Ceiling:	Definition:	Criterion:	
67-63-0	400 ppm	500 ppm	-	-	-	
64-17-5	1000 ppm	-	-	-	-	

**Respiratory protection:**

In case of spraying or in case of insufficient ventilation, with the risk of exceeding the TLVs (Treshold Limit Values)/TWA, wear suitable breathing apparatus.

Particularly breathing apparatus, A2P2 type

**Hand protection:**

When handling this product, wear suitable gloves.  
Neoprene or nitrile gloves are particularly recommended.  
Gloves must be replaced immediately if they show signs of wear and tear.

**Eye and face protection:**

Avoid all contact with eyes.  
Water source nearby.

**Skin protection:****HEALTH MEASURES:**

Do not eat, drink or smoke during use.  
Wash hands each time after handling.  
After each use, systematically wash all personal protective equipment.

**9 - PHYSICAL AND CHEMICAL PROPERTIES****General information:**

Physical state:	fluid liquid
-----------------	--------------

**Important health, safety and environmental information:**

pH of the substance or preparation:	neutral.
When a pH measure is possible, it has a value of:	not stated.
Boiling point/boiling range:	not specified.
Flash point interval:	23°C ≤ Flash point ≤ 55°C
Flash point:	23.50 °C.
Vapour pressure:	not relevant.
Density:	< 1
Density:	+/- 0.9
Water solubility:	Soluble.

**Other information:**

melting point/melting range:	not specified.
Self-ignition temperature:	not specified.
Decomposition point/decomposition range :	not specified.

Colour: colourless.

Odour: sweet-smelling

**10 - STABILITY AND REACTIVITY**

The preparation is stable at the handling and storage conditions recommended per § 7 of the safety data sheet,

**Conditions to avoid:**

Do not mix with other products.  
Do not spray onto a flame or any other incandescent objects.  
Avoid exposure to heat

**Hazardous decomposition products:**

At high temperatures, dangerous decomposition products may be produced, such as fumes, carbon dioxide and carbon monoxide, nitrogen oxide.

**11 - TOXICOLOGICAL INFORMATION****In the event of exposure by inhalation:**

Inhalation may lead to irritation of the respiratory tracts.

**In the event of swallowing:**

Ingestion may lead to irritation of the buccal cavity.  
Sore throat, abdominal pain, nausea.

**In the event of splashes or contact with skin:**

Possibility of itching with light to moderate local redness.

**In the event of splashes or contact with eyes:**

May lead to slight ocular irritation: redness of the conjunctiva and lacrimation.

**12 - ECOLOGICAL INFORMATION**

No ecological data on the product itself is available.  
The product must not be allowed to run into drains or waterways.

**In accordance with Directive 2006/8/EC:**

The classification of this preparation takes into account the modifications introduced by Directive 2006/8/EC

**13 - DISPOSAL CONSIDERATIONS**

The packages must not be reused.  
Do not pour into waterways.

**Waste:**

Recycle or discard in accordance with the legislation in force, preferably by a collector or an approved company.  
Do not contaminate the ground or the water with waste, do not discard waste into the environment.

**Soiled packaging:**

Completely empty the container. Keep the label(s) on the container.  
Hand over to an approved disposal contractor.

**Codes of wastes (Decision 2001/573/EC, Directive 2006/12/EEC, Directive 94/31/EEC on hazardous waste) :**

18 01 06 \* chemicals consisting of or containing dangerous substances

For information :

18 = Wastes from human or animal health care and/or related research (except kitchen and restaurant wastes not arising from immediate health care)

The waste code must be determined by the user, according to the application of the product.

**14 - TRANSPORT INFORMATION**

Transport product in compliance with provisions of the ADR for road, RID for rail, IMDG for sea and ICAO/IATA for air transport (ADR 2009 - IMDG 2008 - ICAO/IATA 2009).

Classification:



UN1170=ETHANOL SOLUTION (ETHYL ALCOHOL SOLUTION)

ADR/RID	Class	Code	Pack gr.	Label	Ident.	LQ	Provis.	EQ	Cat.	Tunnel
	3	F1	III	3	30	LQ7	144 601	E1	3	D/E
IMDG	Class	2°Label	Pack gr.	LQ	EMS	Provis.	EQ			
	3	-	III	5 L	F-E,S-D	144 223	E1			
IATA	Class	2°Label	Pack gr.	Passager	Passager	Cargo	Cargo	note	EQ	
	3	-	III	309	60 L	310	220 L	A3 A58	E1	
	3	-	III	Y309	10 L	-	-	A3 A58	E1	

**15 - REGULATORY INFORMATION****Classification by:**

So called 'all preparations' Directive 1999/45/EC and its adaptations.  
EC regulation 1272/2008 (CLP) and its adaptations (EC regulation 790/2009).

**Preparation classification:**

Flammable

**Particular hazards associated with the preparation and safety recommendations:**

R 10	Flammable.
S 16	Keep away from sources of ignition - No smoking.
S 51	Use only in well-ventilated areas.

S 23	Do not directly breathe the spraying.
S 37	Wear suitable gloves.
S 26	In case of contact with eyes, rinse immediately with plenty of water and seek medical advice.
S 46	If swallowed, seek medical advice immediately and show this container or label.
S 2	Keep out of the reach of children.
S 60	This material and its container must be disposed of as hazardous waste.

## 16 - OTHER INFORMATION

Since the user's working conditions are not known by us, the information supplied on this safety data sheet is based on our current level of knowledge and on national and community regulations.

It is at all times the responsibility of the user to take all necessary measures to comply with legal requirements and local regulations.

The information given on this safety data sheet must be regarded as a description of the safety requirements relating to our product and not a guarantee of its properties

It is recommended that the information contained in this safety data sheet is provided to the users, if necessary in an appropriate form.

This information relates to the specifically designated product and may not be valid in combination with any other product. The product must not be used for applications other than those specified in heading 1 without having first obtained written handling instructions.

### Full text of risk phrases appearing in section 3:

R 11	Highly flammable.
R 36	Irritating to eyes.
R 67	Vapours may cause drowsiness and dizziness.