



## SAFETY DATA SHEET

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

**Identification of the substance or preparation:**

Name: SEPTALLOY NG 50 CAPSULE.  
Product code: 2462S.

**Company/undertaking identification:**

Registered company name: SEPTODONT.  
Address: 58 rue du Pont de Creteil.94100.Saint Maur des Fosses.France.  
Telephone: +33(0)149767000. Fax:+33(0)148855401. Telex:.  
msds@septodont.com  
<http://www.septodont.com>

Emergency telephone: +33(0)1.45.42.59.59.

Association/Organisation: ORFILA .

Other emergency telephone numbers:

Use of the substance/preparation:

### 2 - HAZARDS IDENTIFICATION

This product is not classed as flammable. Refer to the recommendations regarding the other products present on the site

This preparation is likely to accumulate in the body in the event of repeated absorption, although this accumulation does not justify a more restrictive classification.

Possibility of acute, lethal, toxic effects with symptoms of poisoning by inhalation.

Very toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment.

Other data:

Packaging < 125 ml.

### 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)

INDEX	CAS	EC	Name	Symb.	R:	%
080-001-00-0	7439-97-6	231-106-7	MERCURY	T N	33 50/53 23	50 <= x % < 100

**Other substances representing a hazard:**

No known substance in this category present.

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

No known substance in this category present.

**Other substances with occupational exposure limits:**

No known substance in this category present.

**Other components:**

### 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:**

In the event of inhalation, move the patient into the fresh air and keep him/her warm and still.

If breathing is irregular or has stopped, effect mouth-to-mouth resuscitation and call a doctor.

Do not give the patient anything orally.

If the person is unconscious, place in the recovery position and call an ambulance.

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

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

**In the event of swallowing:**

**Specific and immediate treatment:**

Information for the doctor:

---

## 5 - FIRE-FIGHTING MEASURES

Not relevant.

Suitable extinguishing media:

Extinguishing media which must not be used for safety reasons:

Special protective equipment for fire-fighters:

Special exposure hazards arising from the substance or preparation itself, combustion products, resulting gases:

---

## 6 - ACCIDENTAL RELEASE MEASURES

Personal precautions:

Avoid inhaling the vapors.

Consult the safety measures listed under headings 7 and 8.

If a large quantity has been spilt, evacuate all personnel and only allow intervention by trained operators equipped with safety apparatus.

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:

Clean preferably with a detergent, do not use solvents.

---

## 7 - HANDLING AND STORAGE

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

Handling:

Handle in well-ventilated areas.

Fire prevention:

Prevent access by unauthorised personnel.

Recommended equipment and procedures:

For personal safety, see §8.

Observe precautions stated on label and also industrial safety regulations

Avoid inhaling vapors. Carry out any industrial operation which may give rise to this in a sealed apparatus.

In all cases, recover emissions at source

Provide vapor extraction at the emission source and also general ventilation of the premises

Also provide breathing apparatus for certain short tasks of an exceptional nature and for emergency interventions

Prohibited equipment and procedures:

Smoking, eating and drinking are prohibited in premises where the preparation is used

Never open the packages under pressure

Storage:

Keep the container tightly closed in a dry place.

Specific use(s):

---

## 8 - EXPOSURE CONTROLS/PERSONAL PROTECTION

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

Technical measures:

Ensure adequate ventilation, if possible with extractor fans at work posts and appropriate general extraction.

Check the atmosphere periodically.

If this ventilation is insufficient to maintain the concentration of vapors below the exposure limits, wear breathing apparatus

Exposure limit values per INRS ED 984:

France	VME-ppm:	VME-mg/m3:	VLE-ppm:	VLE-mg/m3:	Notes:	TMP N°:
7439-97-6	-	0.05	-	-	*	2

Exposure limit values per 2006/15/CE, 2000/39/EC and 98/24/EC:

Exposure limit values (2003-2006):

Germany/AGW	AGW:	AGW:	Faktor:	Bemerkungen:	
7439-97-6	-	0,1 mg/m3	8(II)	DFG	
UK/OES	TWA:	STEL:	Ceiling:	Definition:	Criterion:

7439-97-6	0.01 mg/m3	0.03 mg/m3	-	-	-
7439-97-6	0.025 mg/m3	-	-	-	-
ACGIH/TLV	TWA:	STEL:	Ceiling:	Definition:	Criterion:
7439-97-6	0.01 mg/m3	0.03 mg/m3	-	-	-
7439-97-6	0.1 mg/m3	-	-	-	-
7439-97-6	0.025 mg/m3	-	-	-	-

**Respiratory protection:**

With this preparation, avoid in particular any inhalation of vapors.

**Hand protection:****Eye and face protection:****Skin protection:**

For further information, see § 11 of S.D.S. - Toxicological information.

**Environmental exposure controls:****9 - PHYSICAL AND CHEMICAL PROPERTIES****General information:**

Physical state: viscous liquid

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

pH of the substance or preparation: not relevant.

The pH is impossible to measure or its value is not relevant.

Boiling point/boiling range: not specified.

Flash point interval: not relevant.

vapour pressure: not relevant.

Density: not stated.

water solubility: Insoluble.

**Other information:**

melting point/melting range: not specified.

Self-ignition temperature: not specified.

Decomposition point/decomposition range : not specified.

**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:****Materials to avoid:****Hazardous decomposition products:****11 - TOXICOLOGICAL INFORMATION**

No data is available regarding the preparation itself.

**In the event of exposure by inhalation:****In the event of swallowing:****In the event of splashes or contact with skin:****In the event of splashes or contact with eyes:****Classification on the basis of toxicological properties:****Other data:**

CAS 7439-97-6 : IARC Groupe 3 (The agent is not classifiable as to its carcinogenicity to humans).

**12 - ECOLOGICAL INFORMATION**

No ecological data on the product itself is available.

The product must not be allowed to run into drains or waterways.

**Mobility:****Persistence and degradability:****Bioaccumulative potential:****Ecotoxicity:**

Very toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment.

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

Results of PBT assessment:

Classification on the basis of environmental effects:

Other adverse effects:

### 13 - DISPOSAL CONSIDERATIONS

Do not pour into drains or waterways.

Waste:

Recycle or dispose of waste in compliance with current legislation, preferably via a certified collector or company.

Do not contaminate the ground or water with waste, do not dispose of waste into the environment.

Soiled packaging:

Empty container completely. Keep label(s) on container.

Give to a certified disposal contractor.

Local arrangements:

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

### 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 2007 - IMDG 2006 - ICAO/IATA 2007).

UN2809=MERCURY

ADR/RID	Class	Code	Pack gr.	Label	Ident.	LQ	Provis.
	8	C9	III	8	80	LQ19	599



IMDG	Class	2°Label	Pack gr.	LQ	EMS	Provis.		
	8	-	III	5 kg	F-A,S-B	941		
IATA	Class	2°Label	Pack gr.	Passager	Passager	Cargo	Cargo	note
	8	-	III	803	35 kg	803	35 kg	-
	8	-	III	-	-	-	-	-

### 15 - REGULATORY INFORMATION

Labelling according to ISO 24234 norm "Mercury and alloys for dental amalgam" :

- Hazardous component determinant for labelling: Mercury

	<b>WARNING</b>
	<b>Mercury</b> Toxic by inhalation Danger of cumulative effects Corrosive to metals
	Waste material and all primary containers that hold mercury shall be disposed of as hazardous waste. Refer to Material Safety Data Sheet (MSDS).

Storage recommendation: 25°C max

Labelling according to EC directive

This preparation was classified in compliance with the directive known as <All preparations> 1999/45/EC and its adaptations

In addition directive 2004/73/EC with the 29° adaptation of directive 67/548/EEC (Hazardous substances) have been taken into account.

This product is not classed as flammable.

Packaging < 125 ml.

Preparation classification:



Toxic.



Dangerous for the environment.

Contains:

231-106-7                      MERCURY

Particular hazards associated with the preparation and safety recommendations:

- |         |  |
|---------|--|
| R 50/53 | Very toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment.   |
| R 23    | Toxic by inhalation.   |
| R 33    | Danger of cumulative effects.<br>For professional use only.  |
| S 45    | In case of accident or if you feel unwell, seek medical advice immediately (show the label where possible).  |
| S 61    | Avoid release to the environment. Refer to special instructions/Safety data sheets.  |
| S 38    | In case of insufficient ventilation, wear suitable respiratory equipment.  |
| S 60    | This material and its container must be disposed of as hazardous waste.  |
| S 7/9   | Keep container tightly closed and in a well-ventilated place.  |
| S 57    | Use appropriate container to avoid environmental contamination.<br>Product submitted to restrictions on the marketing and use: see Directive 76/769/EEC and its ensuing adaptations. |

Particular provisions:

Product not to be sold to the general public. (Dir 76/769/EC) - For professional use only.

---

## 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.

The product must not be used for any purposes other than those specified under heading 1 without first obtaining written handling instructions.

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

Full text of risk phrases appearing in section 3:

- R 23 Toxic by inhalation.  
R 33 Danger of cumulative effects.  
R 50/53                      Very toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment.