

**Material Safety Data Sheet**  
According to 2004/73/CE

Printing date 13.11.2006

Reviewed on 13.11.2006

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

· **Product details**

· **Trade name:** ENDOPEROX Poudre

· **Article number:** 2258WR

· **Application of the substance / the preparation** Bleaching of depulped teeth

· **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:**

· **CAS No. Description**

124-43-6 hydrogen peroxide--urea

· **Identification number(s)**

· **EINECS Number:** 204-701-4

### 3 Hazards identification

· **Hazard description:**



C Corrosive

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

R 34 Causes burns.

### 4 First aid measures

· **General information:** Immediately remove any clothing soiled by the product.

· **After inhalation:**

In case of unconsciousness place patient stably in side position for transportation.

· **After skin contact:** Immediately wash with water and soap and rinse thoroughly.

· **After eye contact:**

Rinse opened eye for several minutes under running water. Then consult a doctor.

· **After swallowing:** Drink plenty of water and provide fresh air. Call for a doctor immediately.

### 5 Fire-fighting measures

· **Suitable extinguishing agents:**

CO<sub>2</sub>, powder or water spray. Fight larger fires with water spray or alcohol resistant foam.

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· **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:** Do not allow to enter sewers/ surface or ground water.
- **Measures for cleaning/collecting:**
  - Use neutralizing agent.
  - Dispose contaminated material as waste according to item 13.
  - Ensure adequate ventilation.

### 7 Handling and storage

- **Handling:**
  - **Information for safe handling:** Thorough dedusting.
  - **Information about fire - and explosion protection:** No special measures required.
- **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:** Not required.
- **Additional information:** The lists valid during the making were used as basis.
- **Personal protective equipment:**
  - **General protective and hygienic measures:**
    - Keep away from foodstuffs, beverages and feed.
    - 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:** Not required.
  - **Protection of hands:**



Protective gloves

- **Material of gloves:** Rubber gloves

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· **Eye protection:**



Tightly sealed goggles

**9 Physical and chemical properties**

· **General Information**

<b>Form:</b>	Powder
<b>Colour:</b>	White
<b>Odour:</b>	Characteristic

· **Change in condition**

**Melting point/Melting range:** 85-90 (Z)°C  
**Boiling point/Boiling range:** Undetermined.

· **Flash point:** Not applicable.

· **Flammability (solid, gaseous):** Product is not flammable.

· **Danger of explosion:** Product does not present an explosion hazard.

· **Density at 20°C:** 0.7 g/cm<sup>3</sup>

· **Solubility in / Miscibility with**

<b>water at 20°C:</b>	800 g/l
<b>Organic solvents:</b>	0.0 %

· **Solids content:** 100.0 %

**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:** Caustic effect on skin and mucous membranes.

· **on the eye:** Strong caustic effect.

· **Sensitization:** No sensitizing effects known.

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**· Additional toxicological information:**

Swallowing will lead to a strong caustic effect on mouth and throat and to the danger of perforation of esophagus and stomach.

**12 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.  
Must not reach sewage water or drainage ditch undiluted or unneutralized.  
Danger to drinking water if even small quantities leak into the ground.

**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:** 5.1 (OC2) Oxidising substances.

**· Danger code (Kemler):** 58

**· UN-Number:** 1511

**· Packaging group:** III

**· Hazard label:** 5.1+8

**· Description of goods:** 1511 UREA HYDROGEN PEROXIDE

**· Maritime transport IMDG:**



**· IMDG Class:** 5.1

**· UN Number:** 1511

**· Label:** 5.1+8

**· Packaging group:** III

**· EMS Number:** F-A,S-Q

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- **Marine pollutant:** No
- **Proper shipping name:** UREA HYDROGEN PEROXIDE

- **Air transport ICAO-TI and IATA-DGR:**



- **ICAO/IATA Class:** 5.1
- **UN/ID Number:** 1511
- **Label:** 5.1+8
- **Packaging group:** III
- **Proper shipping name:** UREA HYDROGEN PEROXIDE

### 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:**



C Corrosive

- **Risk phrases:**  
34 Causes burns.
- **Safety phrases:**  
3 Keep in a cool place.  
9 Keep container in a well-ventilated place.  
26 In case of contact with eyes, rinse immediately with plenty of water and seek medical advice.  
28 After contact with skin, wash immediately with plenty of ... (to be specified by the manufacturer).

### 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.



## SAFETY DATA SHEET

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

**Identification of the substance or preparation:**

Name: ENDOPEROX LIQUIDE.

Product code: 2368 CR.

**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 .

### 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 not classed as hazardous to health by directive 1999/45/EC.

**Other data:**

Packaging < 125 ml.

### 3 - COMPOSITION/INFORMATION ON INGREDIENTS

**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:**

No known substance in this category present.

**Other substances with occupational exposure limits:**

No known substance in this category present.

### 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.

### 5 - FIRE-FIGHTING MEASURES

Not relevant.

### 6 - ACCIDENTAL RELEASE MEASURES

**Personal precautions:**

Consult the safety measures listed under headings 7 and 8.

**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.

**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.

**Fire prevention:**

Prevent access by unauthorised personnel.

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**8 - EXPOSURE CONTROLS/PERSONAL PROTECTION**

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

**Technical measures:**

Personnel shall wear regularly laundered overalls.

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**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: Soluble.

**Other information:**

melting point/melting range: not specified.

Self-ignition temperature: not specified.

Decomposition point/decomposition range : not specified.

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**10 - STABILITY AND REACTIVITY**

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

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**11 - TOXICOLOGICAL INFORMATION**

The preparation contains no substance classed as hazardous per directive 67/548/EEC.

No data is available regarding the preparation itself.

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**12 - ECOLOGICAL INFORMATION**

No ecological data on the product itself is available.

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**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.

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**14 - TRANSPORT INFORMATION**

Exempt from transport classification and labelling.

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).

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**15 - REGULATORY INFORMATION**

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

This product is not classed as flammable.

Packaging < 125 ml.

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

S 23 Do not breathe gas/fumes/vapour/spray (appropriate wording to be specified by the manufacturer).  
S 24/25 Avoid contact with skin and eyes.

**Particular provisions:**

NFPA 704 Label: Health=0 Flammability=1 Instability=1 Special Hazards=none



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**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:**