

**Safety data sheet**  
according to 1907/2006/EC, Article 31

Printing date 25.06.2012

Version number 1

Revision: 25.06.2012

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

- **1.1 Product identifier**
- **Trade name:** CANAL PLUS
- **Article number / formula:** 114S
- **1.2 Relevant identified uses of the substance or mixture and uses advised against**
- **Application of the substance / the preparation :** Dental product
- **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 (ORFILA 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

**SECTION 2: Hazards identification**

- **2.1 Classification of the substance or mixture**
- **Classification according to Regulation (EC) No 1272/2008 :**



GHS05 corrosion

Eye Dam. 1 H318 Causes serious eye damage.

- **Classification according to Directive 67/548/EEC or Directive 1999/45/EC :**



Xn; Harmful

R22: Harmful if swallowed.



Xi; Irritant

R41: Risk of serious damage to eyes.

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

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

- **Classification system:**

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

- **2.2 Label elements**

- **Labelling according to EU guidelines:**

The product has been marked in accordance with EU Directives / respective national laws.  
2008/58/CE (30eme ATP) ; 2009/2/CE (31eme ATP) ; 2006/8/CE

(Contd. on page 2)

**Safety data sheet**  
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**Trade name: CANAL PLUS**

(Contd. of page 1)

· **Code letter and hazard designation of product:**



Xn Harmful

· **Hazard-determining components of labelling:**

hydrogen peroxide

· **Risk phrases:**

22 Harmful if swallowed.

41 Risk of serious damage to eyes.

· **Safety phrases:**

26 In case of contact with eyes, rinse immediately with plenty of water and seek medical advice.

39 Wear eye/face protection.

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

· **2.3 Other hazards**

· **Results of PBT and vPvB assessment**

· **PBT:** Not applicable.









· **vPvB:** Not applicable.

**SECTION 3: Composition/information on ingredients**

· **3.2 Chemical characterization: Mixtures**

· **Description:** Mixture: consisting of the following components.

· **Dangerous components:**

CAS: 25322-68-3 NLP: 500-038-2	Polyethylene glycol	50-100%
CAS: 60-00-4 EINECS: 200-449-4	edetic acid  Xi R36  Eye Irrit. 2, H319	10-25%
CAS: 7722-84-1 EINECS: 231-765-0	hydrogen peroxide  C R35;  Xn R20/22;  O R8 R5  Ox. Liq. 1, H271;  Skin Corr. 1A, H314;  Acute Tox. 4, H302; Acute Tox. 4, H332	2.5-10%

· **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.

· **After excessive inhalation:** Supply fresh air; consult a 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. Then consult a doctor.

· **After swallowing:** Call for a doctor immediately.

· **4.2 Most important symptoms and effects, both acute and delayed :**

No further relevant information available.

(Contd. on page 3)

**Safety data sheet**  
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Printing date 25.06.2012

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**Trade name: CANAL PLUS**

(Contd. of page 2)

- **4.3 Indication of any immediate medical attention and special treatment needed :**  
No further relevant information available.

**SECTION 5: Firefighting measures**

- **Suitable extinguishing agents:**  
CO<sub>2</sub>, 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:**  
Dilute with plenty of water.  
Do not allow to enter sewers/ surface or ground water.
- **6.3 Methods and material for containment and cleaning up:**  
Absorb with liquid-binding material (sand, diatomite, acid binders, universal binders, sawdust).  
Dispose contaminated material as waste according to item 13.
- **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 :** No special precautions are necessary if used correctly.
- **Information about fire - and explosion protection:** No special measures required.
- **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:** None.
- **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**

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

7722-84-1 hydrogen peroxide (2.5-10%)

WEL (Great Britain)	Short-term value: 2.8 mg/m <sup>3</sup> , 2 ppm Long-term value: 1.4 mg/m <sup>3</sup> , 1 ppm
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- **Additional information:**

As a basis for the production of this document, the most current valid lists were used.

(Contd. on page 4)

**Safety data sheet**  
according to 1907/2006/EC, Article 31

Printing date 25.06.2012

Version number 1

Revision: 25.06.2012

**Trade name: CANAL PLUS**

(Contd. of page 3)

- **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 all contact with the eyes.
- **Respiratory protection:** Not required.
- **Protection of hands:**  
The glove material has to be impermeable and resistant to the product/ the substance/ the preparation.
- **Gloves material :**  
The selection of suitable gloves does not only depend on the material, but also on further marks of quality which may vary from manufacturer to manufacturer. As the product is a preparation of several substances, the resistance of the glove material can not be calculated in advance and has therefore to be checked before use.
- **Eye protection:**



Tightly sealed goggles

**SECTION 9: Physical and chemical properties**

- **9.1 Information on basic physical and chemical properties**
- **General Information**
- **Appearance:**

Form:	Pasty
Colour:	White
- **Odour:** Characteristic
- **Odour threshold:** Not determined.
- **pH-value at 20°C:** 2.6-3.6
- **Change in condition**

Melting point/Melting range:	Undetermined.
Boiling point/Boiling range:	Undetermined.
- **Flash point:** Not applicable.
- **Flammability (solid, gaseous):** Not applicable.
- **Ignition temperature:** Not applicable.
- **Decomposition temperature:** Not determined.
- **Self-igniting:** Product is not self igniting.
- **Danger of explosion:** Product does not present an explosion hazard.
- **Explosion limits:**

Lower:	Not determined.
Upper:	Not determined.
- **Vapour pressure:** Not determined.
- **Density at 20°C:** >1 g/cm<sup>3</sup>

(Contd. on page 5)



**Safety data sheet**  
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Version number 1

Revision: 25.06.2012

**Trade name: CANAL PLUS**

(Contd. of page 4)

- |   |   |
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| · <b>Relative density :</b>                         | <i>Not determined.</i>                            |
| · <b>Vapour density :</b>                           | <i>Not determined.</i>                            |
| · <b>Evaporation rate :</b>                         | <i>Not determined.</i>                            |
| · <b>Solubility in / Miscibility with water:</b>    | <i>Fully miscible.</i>                            |
| · <b>Segregation coefficient (n-octanol/water):</b> | <i>Not determined.</i>                            |
| · <b>Viscosity:</b>                                 |   |
| · <b>Dynamic:</b>                                   | <i>Not determined.</i>                            |
| · <b>Kinematic:</b>                                 | <i>Not determined.</i>                            |
| · <b>9.2 Other information :</b>                    | <i>No further relevant information available.</i> |

**SECTION 10: Stability and reactivity**

- **10.1 Reactivity**
- **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.*
- **10.6 Hazardous decomposition products:** *No dangerous decomposition products known.*

**SECTION 11: Toxicological information**

- **11.1 Information on toxicological effects**
- **Acute toxicity:**
- **Primary irritant effect:**
- **On the skin:** *No irritant effect.*
- **On the eyes:** *Strong irritant with the danger of severe eye injury.*
- **Sensitization:** *No sensitizing effects known.*
- **Additional toxicological information:**  
*The product shows the following hazards according to the calculation method of the General EU Classification Guidelines for Preparations as issued in the latest version:*  
*Harmful*  
*Irritant*

**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.*
- **Additional ecological information:**
- **General notes:**  
*Water hazard class 2 (German Regulation) (Self-assessment): hazardous for water*

(Contd. on page 6)

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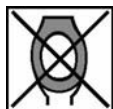
Printing date 25.06.2012

Version number 1

Revision: 25.06.2012

**Trade name: CANAL PLUS**

(Contd. of page 5)



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.

**12.5 Results of PBT and vPvB assessment**

· **PBT:** Not applicable.

· **vPvB:** Not applicable.

· **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.

**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** Void

**14.2 UN proper shipping name**

· **ADR, ADN, IMDG, IATA** Void

**14.3 Transport hazard class(es)**

· **ADR, ADN, IMDG, IATA**

· **Class** Void

**14.4 Packing group**

· **ADR, IMDG, IATA** Void

**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 MARPOL73/78 and the IBC Code**

Not applicable.

**UN "Model Regulation":**

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GB

(Contd. on page 7)



**Safety data sheet**  
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(Contd. of page 6)

**SECTION 15: Regulatory information**

- **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**

- H271 *May cause fire or explosion; strong oxidiser.*
- H302 *Harmful if swallowed.*
- H314 *Causes severe skin burns and eye damage.*
- H319 *Causes serious eye irritation.*
- H332 *Harmful if inhaled.*
- R20/22 *Harmful by inhalation and if swallowed.*
- R35 *Causes severe burns.*
- R36 *Irritating to eyes.*
- R5 *Heating may cause an explosion.*
- R8 *Contact with combustible material may cause fire.*

**· Abbreviations and acronyms:**

- RID: *Règlement international concernant le transport des marchandises dangereuses par chemin de fer (Regulations Concerning the International Transport of Dangerous Goods by Rail)*
- ICAO: *International Civil Aviation Organization*
- 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 Harmonized System of Classification and Labelling of Chemicals*

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