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

- 1.1 Product identifier
  - Trade name: XYLONOR GEL
  - Article number / formula: 227S

- 1.2 Relevant identified uses of the substance or mixture and uses advised against
  - No further relevant information available.
  - 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)48853401
    msds@septodont.com
    http://www.septodont.com

- 1.4 Emergency telephone number:
  - France (INRS 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
  - Belgique - Tel : 32 070/245 245
  - UK : Call NHS 999 in a medical emergency. If you urgently need medical help or advice but it's not a life-threatening situation, call 111 (24/7). The NHS 111 number is currently only available in certain areas. If you're outside of these areas, you should call NHS Direct on 0845 4647

SECTION 2: Hazards identification

- 2.1 Classification of the substance or mixture
  - Classification according to Regulation (EC) No 1272/2008 :
    GHS05
    - Eye Dam. 1 H318 Causes serious eye damage.

- 2.2 Label elements
  - Labelling according to Regulation (EC) No 1272/2008
    - The product is classified and labelled according to the CLP regulation.

- Hazard pictograms
  - GHS05

- Signal word Danger
  - Hazard-determining components of labelling:
    - Trimethyltetradecyl-ammonium bromide
  - Hazard statements
    - H318 Causes serious eye damage.
  - Precautionary statements
    - P280 Wear eye protection / face protection.

(Contd. on page 2)
Trade name: XYLONOR GEL

P305+P351+P338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.

- Other hazards
  - Results of PBT and vPvB assessment
    - PBT: Not applicable.
    - vPvB: Not applicable.

SECTION 3: Composition/information on ingredients

- Chemical characterisation: Mixtures
  - Description: Mixture: consisting of the following components.

<table>
<thead>
<tr>
<th>Component</th>
<th>Percentage</th>
</tr>
</thead>
<tbody>
<tr>
<td>lidocaine</td>
<td>5-10%</td>
</tr>
<tr>
<td>CAS: 137-58-6</td>
<td></td>
</tr>
<tr>
<td>EINECS: 205-302-8</td>
<td></td>
</tr>
<tr>
<td>Trimethyltetradecyl-ammonium bromide</td>
<td>5-10%</td>
</tr>
<tr>
<td>CAS: 1119-97-7</td>
<td></td>
</tr>
</tbody>
</table>

- SVHC No
- Additional information: For the wording of the listed risk phrases, refer to section 16.

SECTION 4: First aid measures

- Description of first aid measures
  - After excessive inhalation: Provide fresh air; consult a doctor in case of medical complaints.
  - After skin contact: Generally the product does not irritate the skin.
  - After eye contact: Rinse opened eye for several minutes under running water. If symptoms persist, consult a doctor.
  - After swallowing: If symptoms persist consult a doctor.

- Important symptoms and effects, both acute and delayed:
  - No further relevant information available.

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

SECTION 5: Firefighting measures

- Suitable extinguishing agents:
  - CO2, powder or water spray. Fight larger fires with water spray or alcohol resistant foam.

- Special hazards arising from the substance or mixture:
  - No further relevant information available.

- Advice for firefighters
  - Protective equipment: No special measures required.

SECTION 6: Accidental release measures

- Personal precautions, protective equipment and emergency procedures:
  - Not required.

- Environmental precautions:
  - Do not allow product to reach sewage system or any water course.
  - Inform respective authorities in case of seepage into water course or sewage system.
  - Dilute with plenty of water.
  - Do not allow the product to enter sewers/ surface water 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).

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.

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: Keep container tightly sealed.

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:

<table>
<thead>
<tr>
<th>CAS: 25322-68-3 Polyethylene glycol (10-25%)</th>
</tr>
</thead>
<tbody>
<tr>
<td>MAK (Switzerland)</td>
</tr>
<tr>
<td>SSc;</td>
</tr>
</tbody>
</table>

Additional information:
The most current valid lists have been used as a basis for the production of this document.

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.
Avoid contact with the eyes and skin.
Respiratory protection: Not required.
Protection of hands:

Protective gloves

Gloves material: Butyl rubber, BR
Trade name: XYLONOR GEL

- 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: Not determined.

  Change in condition
  
  Melting point/freezing point: Undetermined.
  Initial boiling point and boiling range: Undetermined.

  Flash point: Not applicable.

  Flammability (solid, gas): Not applicable.

  Ignition temperature: Not applicable.

  Decomposition temperature: Not determined.

  Auto-ignition temperature: Product is not self igniting.

  Explosive properties: Product does not present an explosion hazard.

  Explosion limits:
  
  Lower: Not determined.
  Upper: Not determined.

  Vapour pressure at 20 °C: 59 hPa

  Density: Not determined.
  Relative density: Not determined.
  Vapour density: Not determined.
  Evaporation rate: Not determined.

  Solubility in / Miscibility with water: Fully miscible.

  Segregation coefficient (n-octanol/water): Not determined.

  Viscosity:
  
  Dynamic at 20 °C: 26000-49500 mPas
  Kinematic: Not determined.

  Solvent content:
  
  VOC (EC) 0.00 %
SECTION 10: Stability and reactivity

- 10.1 Reactivity: No further relevant information available.
- 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: Based on available data, the classification criteria are not met.
- 11.2 LD/LC50 values relevant for classification:
  - CAS: 137-58-6 lidocaine
    - Oral LD50: 500 mg/kg (ATE)
  - CAS: 1119-97-7 Trimethyltetradecyl-ammonium bromide
    - Oral LD50: 500 mg/kg (ATE)
    - Inhalative LC50/4 h: 11 mg/l (ATE)
- 11.3 Primary irritant effect:
  - On the skin: Based on available data, the classification criteria are not met.
  - On the eyes: Causes serious eye damage.
- 11.4 Respiratory or skin sensitization: Based on available data, the classification criteria are not met.
- 11.5 CMR effects (carcinogenicity, mutagenicity and toxicity for reproduction)
- 11.6 Germ cell mutagenicity: Based on available data, the classification criteria are not met.
- 11.7 Carcinogenicity: Based on available data, the classification criteria are not met.
- 11.8 Reproductive toxicity: Based on available data, the classification criteria are not met.
- 11.9 STOT-single exposure: Based on available data, the classification criteria are not met.
- 11.10 STOT-repeated exposure: Based on available data, the classification criteria are not met.
- 11.11 Aspiration hazard: Based on available data, the classification criteria are not met.

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.
- 12.5 Additional ecological information:
  - General notes:
    - Water hazard class 3 (German Regulation) (Self-assessment): extremely hazardous for water
    - Do not allow product to reach ground water, water course or sewage system, even in small quantities.
    - Danger to drinking water if even extremely small quantities leak into the ground.
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 Not classified as hazardous for transport

• 14.2 UN proper shipping name
  • ADR, ADN, IMDG, IATA Not classified as hazardous for transport

• 14.3 Transport hazard class(es)
  • ADR, ADN, IMDG, IATA
    • Class Not classified as hazardous for transport

• 14.4 Packing group
  • ADR, IMDG, IATA Not classified as hazardous for transport

• 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 Marpol and the IBC Code
  • Not applicable.

• UN "Model Regulation":
  • Not classified as hazardous for transport

SECTION 15: Regulatory information

• 15.1 Safety, health and environmental regulations/legislation specific for the substance or mixture
  • Directive 2012/18/EU
  • Named dangerous substances - ANNEX I None of the ingredients is listed.
  • REGULATION (EC) No 1907/2006 ANNEX XVII Conditions of restriction: 3
  • 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**
  - H302 Harmful if swallowed.
  - H315 Causes skin irritation.
  - H318 Causes serious eye damage.
  - H332 Harmful if inhaled.
  - H335 May cause respiratory irritation.
  - H400 Very toxic to aquatic life.

- **Classification according to Regulation (EC) No 1272/2008**

<table>
<thead>
<tr>
<th>Serious eye damage/eye irritation</th>
<th>The classification of the mixture is generally based on the calculation method using substance data according to Regulation (EC) No 1272/2008.</th>
</tr>
</thead>
</table>

- **Abbreviations and acronyms:**
  - 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 Harmonised System of Classification and Labelling of Chemicals
  - EINECS: European Inventory of Existing Commercial Chemical Substances
  - ELINCS: European List of Notified Chemical Substances
  - CAS: Chemical Abstracts Service (division of the American Chemical Society)
  - VOC: Volatile Organic Compounds (USA, EU)
  - LC50: Lethal concentration, 50 percent
  - LD50: Lethal dose, 50 percent
  - PBT: Persistent, Bioaccumulative and Toxic
  - SVHC: Substances of Very High Concern
  - vPvB: very Persistent and very Bioaccumulative
  - Acute Tox. 4: Acute toxicity – Category 4
  - Skin Irrit. 2: Skin corrosion/irritation – Category 2
  - Eye Dam. 1: Serious eye damage/eye irritation – Category 1
  - STOT SE 3: Specific target organ toxicity (single exposure) – Category 3
  - Aquatic Acute 1: Hazardous to the aquatic environment - acute aquatic hazard – Category 1