

# Material Safety Data Sheet

## acc. to ISO/DIS 11014

Printing date 11/09/2011 Version : 11.3

Reviewed on 11/09/2011

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

- . **Trade name:** Pflege-Konzentrat
- . **Application of the substance / the preparation** Attachment for dental instruments
- . **Details of the supplier of the safety data sheet**
- . **Manufacturer/Supplier:** Supplier: SIRONA Dental Systems GmbH  
Fabrikstraße 31  
D-64625 Bensheim
- <http://www.sirona.de>
- Telefon: +49(0)6251/16-3440  
Telefax: +49(0)6251/16-2935
- Manufacturer: Graichen Produktions-und Vertriebs-GmbH  
Darmstädterstraße 127-129  
D-64625 Bensheim
- . **Information department:** Environment protection department
- . **Emergency telephone number:** Advice centre for poisoning university Mainz phone +49(0)6131/19240  
or poison information: +49(0)700/GIFTINFO

### 2 Composition/information on ingredients

- . **Chemical characterization: Mixtures**
- . **Description:** Synthrtic hydrogencarbon-oil,esteroil
- . **Dangerous components:** Void

### 3 Hazards identification

- . **Classification of the substance or mixture**
- . **Classification according to Directive 67/548/EEC or Directive 1999/45/EC** not applicable
- . **Information concerning particular hazards for human and environment:** The product does not have to be labelled due to the calculation procedure of the "General Classification guideline for preparations of the EU" in the latest valid version.
- . **Classification system:** The classification was made according to the latest editions of the EU-lists, and expanded upon from company and literature data.
- . **Label elements**
- . **Labelling according to EU guidelines:** Observe the general safety regulations when handling chemicals  
The product is not subject to identification regulations under EU Directives and the Ordinance on Hazardous Materials (GefStoffV).
- . **Safety phrases:** Dispose of this material and its container at hazardous or special waste collection point
- . **Special labelling of certain preparations:** Identification as aerosol under § 6(3) Ordinance on Hazardous Materials (GefStoffV):  
Pressurized container: protect from sunlight and do not expose to temperatures exceeding 50°C, i.e. electric lights. Do not pierce or burn, even after use.  
Keep out of the reach of children.
- . **NFPA ratings (scale 0-4)**  
Health = 0  
Fire = 3  
Reactivity = 1
- . **Other hazards**

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Pressurized container: protect from sunlight and do not expose to temperatures exceeding 50°C. Do not pierce or burn, even after use.

Do not spray on a naked flame or any incandescent material. Keep away from sources of ignition. No smoking.

Without adequate ventilation formation of explosive mixtures may be possible

### 4 First aid measures

- |  |  |
|--|--|
| <ul style="list-style-type: none"> <li>. General information</li> <li>. After inhalation</li> <li>. After skin contact</li> <li>. After eye contact</li> <li>. After swallowing</li> </ul> | <p>Position and transport stably on side.</p> <p>Supply fresh air; consult doctor in case of complaints.</p> <p>Immediately wash with water and soap and rinse thoroughly.</p> <p>If skin irritation continues, consult a doctor.</p> <p>Rinse opened eye for several minutes under running water. Then consult a doctor.</p> <p>If symptoms persist consult doctor.</p> |
|--|--|

### 5 Firefighting measures

- |   |  |
|---|--|
| <ul style="list-style-type: none"> <li>. Suitable extinguishing agents</li> <li>. For safety reasons unsuitable extinguishing agents</li> <li>. Special hazards arising from the substance or mixture</li> <li>. Protective equipment:</li> <li>. Additional information</li> </ul> | <p>CO<sub>2</sub>, extinguishing powder or water spray. Fight larger fires with water spray or alcohol resistant foam.</p> <p>Use fire fighting measures that suit the environment.</p> <p>Water with full jet.</p> <p>Formation of toxic gases is possible during heating or in case of fire.</p> <p>In case of fire, the following can be released:</p> <p>Carbon monoxide (CO)</p> <p>Hydrocarbons</p> <p>Wear self-contained respiratory protective device.</p> <p>Cool endangered receptacles with water spray.</p> <p>Dispose of fire debris and contaminated fire fighting water in accordance with official regulations.</p> |
|---|--|

### 6 Accidental release measures

- |   |  |
|---|--|
| <ul style="list-style-type: none"> <li>. Personal precautions, protective equipment and emergency procedures</li> <li>. Environmental precautions:</li> <li>. Methods and material for containment and cleaning up:</li> <li>. Reference to other sections</li> </ul> | <p>Particular danger of slipping on leaked/spilled product.</p> <p>Ensure adequate ventilation</p> <p>Do not allow to enter sewers/ surface or ground water.</p> <p>Absorb with liquid-binding material (sand, diatomite, acid binders, universal binders, sawdust).</p> <p>Dispose contaminated material as waste according to item 13.</p> <p>See Section 7 for information on safe handling</p> |
|---|--|

### 7 Handling and storage

- |   |   |
|---|---|
| <ul style="list-style-type: none"> <li>. Handling</li> <li>. Precautions for safe handling</li> <li>. Information about protection against explosions and fires:</li> <li>. Storage</li> <li>. Requirements to be met by storerooms and receptacles:</li> <li>. Information about storage in one common storage facility:</li> <li>. Further information about storage conditions:</li> </ul> | <p>Keep away from heat and direct sunlight.</p> <p>Do not spray on flames or red-hot objects.</p> <p>Observe official regulations on storing packagings with pressurized containers.</p> <p>Store away from oxidizing agents.</p> <p>Store away from foodstuffs.</p> <p>Store in a cool place. Heat will increase pressure and may lead to the receptacle bursting.</p> |
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. *Specific end use(s)* No further relevant information available.

### 8 Exposure controls/personal protection

- . *Additional information about design of technical systems:* No further data; see item 7.
- . *Components with limit values that require monitoring at the workplace:* The product does not contain any relevant quantities of materials with critical values that have to be monitored at the workplace.
- . *Additional information:* The lists that were valid during the creation were used as basis.
- . *Personal protective equipment*
- . *General protective and hygienic measures*
  - Avoid contact with the skin.
  - Do not eat or drink while working.
  - Immediately remove all soiled and contaminated clothing
  - Wash hands before breaks and at the end of work.
  - Not necessary if room is well-ventilated.
- . *Breathing equipment:*
- . *Protection of hands:* Protective gloves.  
The glove material has to be impermeable and resistant to the product/ the substance/ the preparation.  
Due to missing tests no recommendation to the glove material can be given for the product/ the preparation/ the chemical mixture.  
Selection of the glove material on consideration of the penetration times, rates of diffusion and the degradation
- . *Material of gloves* The selection of the suitable gloves does not only depend on the material, but also on further marks of quality and varies 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 prior to the application.
- . *Penetration time of glove material* The exact break through time has to be found out by the manufacturer of the protective gloves and has to be observed.
- . *Eye protection:* Goggles recommended whilst installing in to the HYGIENECENTER

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### 9 Physical and chemical properties

- . *General Information*
- . *Appearance:*
  - Form:* Aerosol
  - Color:* Light yellow
  - Odor:* Characteristic
- . *Change in condition*
  - Melting point/Melting range:* undetermined
  - Boiling point/Boiling range:* Not applicable, as aerosol
- . *Pour point:* < -40°C (< -40 °F) ((DIN ISO 3016))
- . *Flash point:* > 200°C (> 392 °F) ((DIN ISO 2592))
- . *Auto igniting:* Product is not selfigniting.
- . *Danger of explosion:* Product does not present an explosion hazard.
- . *Explosion limits:*
  - Lower:* Not determined
  - Upper:* Not determined
- . *Density at 20°C (68 °F):* 0.89 g/cm<sup>3</sup> (7.427 lbs/gal)
- . *Solubility in / Miscibility with Water:* Insoluble
- . *Solvent content:*
  - Organic solvents:* 0.0 %

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. <b>Label</b>	2.2
. <b>ADR</b>	
. <b>Class</b>	2 5A Gases
. <b>Label</b>	2.2
. <b>Packing group</b>	
. <b>DOT, ADR, IMDG, IATA</b>	Void
. <b>Environmental hazards:</b>	
. <b>Marine pollutant:</b>	No
. <b>Special precautions for user</b>	Warning: Gases
. <b>Danger code (Kemler):</b>	-
. <b>EMS Number:</b>	F-D,S-U
. <b>Transport in bulk according to Annex II of MARPOL73/78 and the IBC Code</b>	Not applicable.

\* **15 Regulatory information**

- . **SARA Section 355 (extremely hazardous substances)**  
None of the ingredients is listed.
- . **SARA Section 313 (specific toxic chemical listings)**  
None of the ingredients is listed.
- . **TSCA (Toxic Substances Control Act)**  
All ingredients are listed.
- . **Prop 65 - Chemicals known to cause cancer**  
None of the ingredients is listed.
- . **Carcinogenicity categories**
- . **EPA (Environmental Protection Agency)**  
None of the ingredients is listed.
- . **IARC (International Agency for Research on Cancer)**  
None of the ingredients is listed.
- . **NTP (National Toxicology Program)**  
None of the ingredients is listed.
- . **TLV (Threshold Limit Value established by ACGIH)**  
None of the ingredients is listed.
- . **MAK (German Maximum Workplace Concentration)**  
None of the ingredients is listed.
- . **NIOSH-Ca (National Institute for Occupational Safety and Health)**  
None of the ingredients is listed.
- . **OSHA-Ca (Occupational Safety & Health Administration)**  
None of the ingredients is listed.
- . **Markings according to EU guidelines:**  
Observe the general safety regulations when handling chemicals  
The product is not subject to identification regulations under EU Directives and the Ordinance on Hazardous Materials (GefStoffV).
- . **Safety phrases:**  
Dispose of this material and its container at hazardous or special waste collection point
- . **Special labeling of certain preparations:**  
Pressurized container: protect from sunlight and do not expose to temperatures exceeding 50°C, i.e. electric lights. Do not pierce or burn, even after use.  
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. *National regulations*

. *Water hazard class: Water hazard class 1 (Self-assessment): slightly hazardous for water.*

\* **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.*

. \* *Data compared to the previous version altered.*

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