

Safety data sheet

according to 1907/2006/EC, Article 31

Printing date 26.10.2017

Version number 1801

Revision: 26.10.2017

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

1.1 Product identifier

Trade name: **T1 Pflegeöl**
 Article number: 5360-0305

1.2 Relevant identified uses of the substance or mixture and uses advised against

Application of the substance / the mixture: Lubricant
 No further relevant information available.

1.3 Details of the supplier of the safety data sheet

Manufacturer/Supplier: SIRONA Dental Systems GmbH
 Fabrikstraße 31
 D-64625 Bensheim
 Germany
<http://www.sirona.de>
 Tel.: +49 (0) 6251/16-1670
 Fax: +49 (0) 6251/16-1818

Manufacturer: Graichen Produktions-und Vertriebs-GmbH
 Darmstädterstraße 127-129
 D-64625 Bensheim
 Germany
 Tel.: +49 6251 73103
 Fax: +49 6251 77901
 E-Mail: ehs@graichen-bensheim.de
www.graichen.net

Further information obtainable from: Environment protection department
 Advice centre for poisoning university Mainz phone +49(0)6131/19240
 or poison information: +49(0)700/GIFTINFO

SECTION 2: Hazards identification

2.1 Classification of the substance or mixture

Classification according to Regulation (EC) No 1272/2008: The product is not classified according to the CLP regulation.

2.2 Label elements

Labelling according to Regulation (EC) No 1272/2008: Void
 Hazard pictograms: Void
 Signal word: Void
 Hazard statements: Void

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 characterisation: Mixtures

Description: Synthetic hydrogencarbon-oil, esteroil

Dangerous components:

68649-11-6 1-Decen, Dimer, hydriert	⚠ Asp. Tox. 1, H304; ⚠ Acute Tox. 4, H332	2.5-10%
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Additional information: For the wording of the listed hazard phrases refer to section 16.

SECTION 4: First aid measures

4.1 Description of first aid measures

General information: No special measures required.
 After inhalation: Supply fresh air; consult doctor in case of complaints.
 Take affected persons into fresh air and keep quiet.
 Use a respiratory bag or breathing device.
 After skin contact: If skin irritation continues, consult a doctor.
 After eye contact: Rinse opened eye for several minutes under running water.
 After swallowing: If symptoms persist consult doctor.
 Do not induce vomiting; call for medical help immediately.

4.2 Most important symptoms and effects, both acute and delayed

No further relevant information available.

4.3 Indication of any immediate medical attention and special treatment needed

No further relevant information available.

SECTION 5: Firefighting measures

5.1 Extinguishing media

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

5.2 Special hazards arising from the substance or mixture

Carbon monoxide (CO)

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5.3 Advice for firefighters

- Protective equipment:
- Additional information

Wear self-contained respiratory protective device.
Cool endangered receptacles with water spray.

SECTION 6: Accidental release measures**6.1 Personal precautions, protective equipment and emergency procedures**

Product forms slippery surface when combined with water.

6.2 Environmental precautions:

No special measures required.

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

No dangerous substances are released.
See Section 7 for information on safe handling.
See Section 8 for information on personal protection equipment.
See Section 13 for disposal information.

SECTION 7: Handling and storage**7.1 Precautions for safe handling**

Store in cool, dry place in tightly closed receptacles.

- 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:

Store only in the original receptacle.

- Information about storage in one common storage facility:

Store away from foodstuffs.
Store away from oxidising agents.

- Further information about storage conditions:

Store receptacle in a well ventilated area.

- Storage class:

VCI 10

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 item 7.

8.1 Control parameters

- Ingredients 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 valid during the making were used as basis.

8.2 Exposure controls

- Personal protective equipment:
- General protective and hygienic measures:

Avoid close or long term contact with the skin.
Be sure to clean skin thoroughly after work and before breaks.

- Respiratory protection:

Not required.

- Protection of hands:

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

Value for the permeation: Level $\leq 0,7$ mm 480min (8h) EN374
The determined penetration times according to EN 374 part III are not performed under practical conditions. Therefore a maximum wearing time, which corresponds to 50% of the penetration time, is recommended.
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 during refilling

- Body protection:

Protective work clothing

SECTION 9: Physical and chemical properties**9.1 Information on basic physical and chemical properties**

- General Information

- Appearance:

Form:

Fluid

Colour:

Light yellow

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· Odour:	Characteristic
· Odour threshold:	Not determined.
· pH-value:	Not applicable
· Change in condition	
Melting point/freezing point:	Not determined
Initial boiling point and boiling range:	Not determined
· Pour point	< -40 °C (DIN ISO 3016)
· Flash point:	Not applicable.
· Flammability (solid, gas):	Not applicable.
· Ignition temperature:	
Decomposition temperature:	Not determined.
· Auto-ignition temperature:	Product is not selfigniting.
· Explosive properties:	Not determined.
· Explosion limits:	
Lower:	Not determined
Upper:	Not determined
· Density at 20 °C:	0,84 g/cm ³
· Relative density	Not determined.
· Vapour density	Not determined.
· Evaporation rate	Not determined.
· Solubility in / Miscibility with water:	Not miscible or difficult to mix.
· Partition coefficient: n-octanol/water:	Not determined.
· Viscosity:	
Dynamic:	Not determined.
Kinematic at 20 °C:	15 mm ² /s (DIN51562)
· Solvent content:	
Organic solvents:	0,0 %
· 9.2 Other information	No further relevant information available.

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	Reacts with strong oxidising agents.
· 10.4 Conditions to avoid	No further relevant information available.
· 10.5 Incompatible materials:	oxidizing agents
· 10.6 Hazardous decomposition products:	Carbon monoxide and carbon dioxide

SECTION 11: Toxicological information

· 11.1 Information on toxicological effects	
· Acute toxicity	Based on available data, the classification criteria are not met.
· Primary irritant effect:	
· Skin corrosion/irritation	Based on available data, the classification criteria are not met.
· Serious eye damage/irritation	Based on available data, the classification criteria are not met.
· Respiratory or skin sensitisation	Based on available data, the classification criteria are not met.
· CMR effects (carcinogenicity, mutagenicity and toxicity for reproduction)	
· Germ cell mutagenicity	Based on available data, the classification criteria are not met.
· Carcinogenicity	Based on available data, the classification criteria are not met.
· Reproductive toxicity	Based on available data, the classification criteria are not met.
· STOT-single exposure	Based on available data, the classification criteria are not met.
· STOT-repeated exposure	Based on available data, the classification criteria are not met.
· 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.
· Additional ecological information:	
· General notes:	Water hazard class 1 (German Regulation) (Self-assessment): slightly hazardous for water Do not allow undiluted product or large quantities of it to reach ground water, water course or sewage system.

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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**

· European waste catalogue

13 00 00	OIL WASTES AND WASTES OF LIQUID FUELS (EXCEPT EDIBLE OILS, AND THOSE IN CHAPTERS 05, 12 AND 19)
13 02 00	waste engine, gear and lubricating oils
13 02 05*	mineral-based non-chlorinated engine, gear and lubricating oils

- Uncleaned packaging:
- Recommendation: Non contaminated packagings may be treated like household garbage.

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 Void

· 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 Marpol and the IBC Code** Not applicable.

· UN "Model Regulation": Void

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.

· **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.

· Department issuing SDS: Environment protection department.

· 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)
 PBT: Persistent, Bioaccumulative and Toxic
 vPvB: very Persistent and very Bioaccumulative
 Acute Tox. 4: Acute toxicity – Category 4
 Asp. Tox. 1: Aspiration hazard – Category 1

· * Data compared to the previous version altered.