

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

Printing date 21.11.2018

Revision: 02.10.2018

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

- **Product identifier**
- **Trade name:** Ultrapro® TX Universal Lubricating Oil
- **Article number:** 8316
- **Index number:** SDS 216-001.04
- **Relevant identified uses of the substance or mixture and uses advised against** Dental Handpiece Lubricant
- **Application of the substance / the mixture** Dental Handpiece Lubricant
- **Details of the supplier of the safety data sheet**
- **Manufacturer/Supplier:**
Ultradent Products Inc.
505 W. Ultradent Drive (10200 S)
South Jordan, UT 84095-3942
USA
onlineordersupport@ultradent.com
- **EC Responsible Person**
Ultradent Products GmbH
Am Westhoyer Berg 30
51149 Cologne Germany
Email: infoDe@ultradent.com
Emergency Phone: +49(0)2203-35-92-0
- **Further information obtainable from:** Customer Service
- **Emergency telephone number:**
CHEMTREC (NORTH AMERICA) : (800) 424-9300
(INTERNATIONAL) : +(703) 527-3887

2 Hazards identification

- **Classification of the substance or mixture**
- **Classification according to Regulation (EC) No 1272/2008**
The product is not classified, according to the CLP regulation.
- **Label elements**
- **Labelling according to Regulation (EC) No 1272/2008** Void
- **Hazard pictograms** Void
- **Signal word** Void
- **Hazard statements** Void
- **Other hazards**
- **Results of PBT and vPvB assessment**
- **PBT:** Not applicable.
- **vPvB:** Not applicable.

3 Composition/information on ingredients

- **Chemical characterisation:** Mixtures
- **Description:** No Hazardous Components to Report
- **Dangerous components:** Void
- **Additional information:** For the wording of the listed hazard phrases refer to section 16.

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4 First aid measures

- **Description of first aid measures**
- **General information:** No special measures required.
- **After inhalation:** Remove person to fresh air. If irritation occurs or symptoms develop, get medical attention.
- **After skin contact:**
Remove contaminated clothing. Wash skin with soap and water. If irritation develops and persists, get medical attention. Launder clothing before reuse.
- **After eye contact:**
Immediately flush eyes with water while lifting the upper and lower lids. Get medical attention if irritation persists.
- **After swallowing:**
Rinse mouth with water. Do not induce vomiting unless directed by medical personnel. Never give anything by mouth to a person who is unconscious or convulsing. Get medical attention if symptoms develop.
- **Information for doctor:**
- **Most important symptoms and effects, both acute and delayed**
May cause mild eye irritation. Prolonged skin contact may cause irritation. Ingestion may cause gastrointestinal distress with nausea and diarrhea.
- **Indication of any immediate medical attention and special treatment needed**
Immediate medical attention is not generally required.

5 Firefighting measures

- **Extinguishing media**
- **Suitable extinguishing agents:**
Use water fog, alcohol foam, carbon dioxide or dry chemical to extinguish a fire involving this product. Do not use solid water stream as this may spread the fire.
Use fire extinguishing methods suitable to surrounding conditions.
- **Special hazards arising from the substance or mixture**
Product is not flammable or combustible but may burn in a fire. Combustion may product carbon oxides.
- **Advice for firefighters:**
- **Protective equipment:**
Firefighters should wear positive pressure self-contained breathing apparatus and full protective clothing for all fires involving chemicals. Cool fire exposed containers with water.

6 Accidental release measures

- **Personal precautions, protective equipment and emergency procedures**
Wear appropriate protective clothing and equipment as described in Section 8. Use caution - surfaces will be very slippery.
- **Environmental precautions:**
Prevent spill from entering sewers and water courses. Report release as required by local and national authorities.
- **Methods and material for containment and cleaning up:**
Contain and collect with an inert absorbent material. Place in an appropriate container for disposal. Clean spill area thoroughly.
Absorb with liquid-binding material (sand, diatomite, acid binders, universal binders, sawdust).
- **Reference to other sections**
See Section 7 for information on safe handling.
See Section 8 for information on personal protection equipment.

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See Section 13 for disposal information.

7 Handling and storage

- **Handling:**
- **Precautions for safe handling:**
*Avoid contact with eyes, skin and clothing. Wash thoroughly with soap and water after handling.
 No special measures required.*
- **Information about fire - and explosion protection:** *No special measures required.*
- **Conditions for safe storage, including any incompatibilities**
- **Storage:**
- **Requirements to be met by storerooms and receptacles:**
Store in a dry, cool, well-ventilated area. Keep in original containers. Store away from oxidizing agents.
- **Information about storage in one common storage facility:** *Not required.*
- **Further information about storage conditions:** *See product labelling.*
- **Specific end use(s)** *Dental Handpiece Lubricant*

8 Exposure controls/personal protection

- **Additional information about design of technical facilities:** *No further data; see item 7.*
- **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.*
- **Exposure controls**
- **Personal protective equipment:**
- **General protective and hygienic measures:**
The usual precautionary measures are to be adhered to when handling chemicals.
- **Respiratory protection:**
None needed under normal use conditions. If exposure levels are excessive and irritation is experienced, a NIOSH approved particulate respirator is recommended. Selection of respiratory protection depends on the contaminant type, form and concentration. Select in accordance with OSHA 1910. 134 and good Industrial Hygiene practice.
- **Protection of hands:**
*Impervious gloves recommended if needed to avoid prolonged skin contact.
 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 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 breakthrough time has to be found out by the manufacturer of the protective gloves and has to be observed.
- **Eye protection:** *Follow facility requirements. Safety goggles recommended if splashing is possible.*

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· **Body protection:** Protective work clothing

9 Physical and chemical properties

· Information on basic physical and chemical properties

· General Information

· Appearance:

· Form:	Liquid
· Colour:	Clear
· Odour:	Odourless
· Odour threshold:	Not determined.

· pH-value:	Not applicable.
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· Change in condition

· Melting point/freezing point:	-10 °C
· Initial boiling point and boiling range:	Not determined

· Flash point:	>150 °C
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· Flammability (solid, gas):	Not applicable.
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· Decomposition temperature:	Not determined.
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· Auto-ignition temperature:	Not application
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· Explosive properties:	Product does not present an explosion hazard.
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· Explosion limits:

· Lower:	Not determined.
· Upper:	Not determined.

· Vapour pressure:	Not determined.
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· Density:	Not determined.
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· Relative density at 20 °C	0.84
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· Vapour density	Not determined.
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· Evaporation rate	Not determined.
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· Solubility in / Miscibility with water:

Insoluble

· Partition coefficient: n-octanol/water:	Not determined.
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· Viscosity:

· Dynamic:	Not determined.
· Kinematic:	Not determined.

· Solvent content:

· VOC (EC)	0.00 %
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· Other information	No further relevant information available.
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10 Stability and reactivity

· **Reactivity** Not reactive under normal conditions of use.

· **Chemical stability**

· **Thermal decomposition / conditions to be avoided:** No decomposition if used according to specifications.

· **Possibility of hazardous reactions:** None known

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- **Conditions to avoid:** Extreme heat and open flames.
- **Incompatible materials:** Avoid oxidizing agents.
- **Hazardous decomposition products:** Thermal decomposition may yield carbon oxides.

11 Toxicological information

- **Information on toxicological effects**
- **Acute toxicity** Based on available data, the classification criteria are not met.
- **Primary irritant effect:**
- **Skin corrosion/irritation** Prolonged skin contact may cause mild irritation and drying of the skin.
- **Serious eye damage/irritation** Contact may cause mild irritation with redness and tearing.
- **Respiratory or skin sensitisation** Components are not known to be sensitizers.
- **CMR effects (carcinogenicity, mutagenicity and toxicity for reproduction)**
- **Germ cell mutagenicity** No adverse effects are expected. Components are not germ cell mutagens.
- **Carcinogenicity**
None of the components are listed as a carcinogen or suspect carcinogen by IARC, NTP or OSHA.
- **Reproductive toxicity** No adverse effects are expected. Components are not reproductive toxins.
- **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.

12 Ecological information

- **Toxicity**
- **Aquatic toxicity:** Product: No data available
- **Persistence and degradability** The product is expected to be readily biodegradable.
- **Behaviour in environmental systems:**
- **Bioaccumulative potential** No data available
- **Mobility in soil** No data available.
- **Additional ecological information:**
- **General notes:** Not known to be hazardous to water.
- **Results of PBT and vPvB assessment**
- **PBT:** Not applicable.
- **vPvB:** Not applicable.
- **Other adverse effects** None known.

13 Disposal considerations

- **Waste treatment methods**
- **Recommendation** Smaller quantities can be disposed of with household waste.
- **Uncleaned packaging:**
- **Recommendation:**
Dispose in accordance with all local, state and federal regulations. No specific disposal method is recommended. Under RCRA, it is the responsibility of the user, at the time of disposal, to determine whether the product meets the RCRA criteria for hazardous waster. As sold, this product would not meet the criteria.

14 Transport information

- **UN-Number** not regulated

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· UN proper shipping name	<i>not regulated</i>
· Transport hazard class(es)	<i>not regulated</i>
· Packing group	<i>not regulated</i>
· Environmental hazards:	<i>Not applicable.</i>
· Special precautions for user	<i>Not applicable.</i>
· Transport in bulk according to Annex II of Marpol and the IBC Code	<i>Not applicable.</i>

15 Regulatory information

- **Chemical safety assessment:** *A chemical safety assessment has not been carried out.*

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:** *Regulatory Affairs*
- **Contact:** *Customer Service*
- **Abbreviations and acronyms:**
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)
PBT: Persistent, Bioaccumulative and Toxic
vPvB: very Persistent and very Bioaccumulative

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