



## Safety Data Sheet according to WHS Regulations

Date of issue: 12.09.2025

Revision: 12.09.2025

\*

### 1 Identification

- **Other means of identification**
- **Trade name:** Ultradent™ EDTA 18% Solution
- **Article number:** SDS 32-001.10R01, 66009, 162, 162-JP, 162-P3, 4616
- **Relevant identified uses of the substance or mixture and uses advised against**  
Professional Dental Root Canal Cleansing & Conditioning Agent
- **Application of the substance / the mixture** Professional Dental Root Canal Cleansing & Conditioning Agent
- **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  
(800) 552-5512  
  
Ultradent Australia Pty Ltd.  
Level 22/2 Market Street  
Sydney NSW 2000  
Australia  
Email: info.anz@ultradent.com  
Toll Free: 1-800-290929
- **Further information obtainable from:** Customer Service
- **Emergency telephone number:**  
CHEMTREC (NORTH AMERICA) : +1 (800) 424-9300  
(INTERNATIONAL) : +(703) 527-3887

### 2 Hazard(s) Identification

- **Classification of the substance or mixture**



Skin corrosion/irritation – Category 2 H315 Causes skin irritation.

Eye damage/irritation – Category 2A H319 Causes serious eye irritation.

- **Label elements**
- **GHS label elements** Void
- **Hazard pictograms** GHS07
- **Signal word** Warning
- **Hazard statements**  
H315 Causes skin irritation.  
H319 Causes serious eye irritation.
- **Precautionary statements**  
P101 If medical advice is needed, have product container or label at hand.  
P102 Keep out of reach of children.  
P103 Read label before use.  
P264 Wash thoroughly after handling.

(Contd. on page 2)

AU

# Safety Data Sheet

## according to WHS Regulations

Date of issue: 12.09.2025

Revision: 12.09.2025

**Trade name: Ultradent™ EDTA 18% Solution**

(Contd. of page 1)

- P280 Wear protective gloves / eye protection / face protection.  
P305+P351+P338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.  
P332+P313 If skin irritation occurs: Get medical advice/attention.  
P362+P364 Take off contaminated clothing and wash it before reuse.  
P337+P313 If eye irritation persists: Get medical advice/attention.

### 3 Composition and Information on Ingredients

- **Chemical characterisation: Mixtures**
- **Description:** Mixture of substances listed below with nonhazardous additions.

- **Dangerous components:**

|            |                                                                                                                                                                |     |
|------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------|-----|
| 10378-23-1 | EDTA Tetrasodium Salt                                                                                                                                          | 18% |
|            | ⚠ Skin corrosion/irritation – Category 2, H315; Eye damage/irritation – Category 2A, H319; Specific target organ toxicity (single exposure) – Category 3, H335 |     |

- **Additional information:** For the wording of the listed hazard phrases refer to section 16.

### 4 First Aid Measures

- **General information:** Immediately remove any clothing soiled by the product.
- **After inhalation:** In case of unconsciousness place patient stably in side position for transportation.
- **After skin contact:**  
If skin irritation continues, consult a doctor.  
Immediately wash with water and soap and rinse thoroughly.
- **After eye contact:**  
Rinse opened eye for several minutes under running water. If symptoms persist, consult a doctor.
- **After swallowing:** If symptoms persist consult doctor.
- **Information for doctor:**  
**Most 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.

### 5 Fire Fighting Measures

- **Suitable extinguishing agents:**  
Foam, dry chemical, carbon dioxide  
Use fire extinguishing methods suitable to surrounding conditions.
- **Special hazards arising from the substance or mixture** No further relevant information available.
- **Protective equipment:**  
Wear self-contained respiratory protective device.  
Wear fully protective suit.

### 6 Accidental Release Measures

- **Personal precautions, protective equipment and emergency procedures** Wear protective clothing.
- **Environmental precautions:** Do not allow to enter sewers/ surface or ground water.
- **Methods and material for containment and cleaning up:**  
Absorb with liquid-binding material (sand, diatomite, acid binders, universal binders, sawdust).
- **Reference to other sections**  
See Section 7 for information on safe handling.

(Contd. on page 3)

# Safety Data Sheet

## according to WHS Regulations

Date of issue: 12.09.2025

Revision: 12.09.2025

**Trade name: Ultradent™ EDTA 18% Solution**

(Contd. of page 2)

See Section 8 for information on personal protection equipment.

See Section 13 for disposal information.

### 7 Handling and Storage

- **Handling:**
- **Precautions for safe handling:** Avoid release to the environment
- **Information about fire - and explosion protection:** No special measures required.
- **Storage:**
- **Requirements to be met by storerooms and receptacles:** No special requirements.
- **Information about storage in one common storage facility:** Store away from oxidising agents.
- **Further information about storage conditions:**  
 See product labelling.  
 Keep container tightly sealed.
- **Specific end use(s)** Professional Dental Root Canal Cleansing & Conditioning Agent

### 8 Exposure controls and personal protection

- **Appropriate engineering controls** No further data; see section 7.
- **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.
- **Personal protective equipment:**
- **General protective and hygienic measures:**  
 Keep away from foodstuffs, beverages and feed.  
 Immediately remove all soiled and contaminated clothing.  
 Wash hands before breaks and at the end of work.  
 Avoid contact with the eyes and skin.
- **Respiratory protection:** Not required.
- **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 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.

(Contd. on page 4)

# Safety Data Sheet

## according to WHS Regulations

Date of issue: 12.09.2025

Revision: 12.09.2025

Trade name: **Ultradent™ EDTA 18% Solution**

(Contd. of page 3)

· **Eye protection:**

Tightly sealed goggles

· **Body protection:** Protective work clothing

### 9 Physical and Chemical Properties

· **General Information**· **Appearance:**

|                                                   |                                               |
|---------------------------------------------------|-----------------------------------------------|
| · <b>Form:</b>                                    | Liquid                                        |
| · <b>Colour:</b>                                  | Colourless                                    |
| · <b>Odour:</b>                                   | Odourless                                     |
| · <b>Odour threshold:</b>                         | Not determined.                               |
| · <b>pH-value at 20 °C:</b>                       | 10.9-11.1                                     |
| · <b>Change in condition</b>                      |                                               |
| · <b>Melting point/freezing point:</b>            | Undetermined.                                 |
| · <b>Initial boiling point and boiling range:</b> | Undetermined.                                 |
| · <b>Flash point:</b>                             | Not applicable.                               |
| · <b>Flammability</b>                             | Not applicable.                               |
| · <b>Decomposition temperature:</b>               | Not determined.                               |
| · <b>Ignition temperature:</b>                    | Product is not selfigniting.                  |
| · <b>Explosive properties:</b>                    | Product does not present an explosion hazard. |
| · <b>Explosion limits:</b>                        |                                               |
| · <b>Lower:</b>                                   | Not determined.                               |
| · <b>Upper:</b>                                   | Not determined.                               |
| · <b>Vapour pressure:</b>                         | Not determined.                               |
| · <b>Density at 20 °C:</b>                        | 1.11 g/cm <sup>3</sup>                        |
| · <b>Relative density</b>                         | Not determined.                               |
| · <b>Vapour density</b>                           | Not determined.                               |
| · <b>Evaporation rate</b>                         | Not determined.                               |
| · <b>Solubility in / Miscibility with</b>         |                                               |
| · <b>water:</b>                                   | Dispersible.                                  |
| · <b>Partition coefficient: n-octanol/water:</b>  | Not determined.                               |
| · <b>Viscosity:</b>                               |                                               |
| · <b>Dynamic:</b>                                 | Not determined.                               |
| · <b>Kinematic:</b>                               | Not determined.                               |

· **Other information**

|                                   |                 |
|-----------------------------------|-----------------|
| · <b>Particle characteristics</b> | Not applicable. |
| · <b>Physical state</b>           | Fluid           |

### 10 Stability and Reactivity

· **Reactivity Stable**· **Thermal decomposition / conditions to be avoided:** No decomposition if used according to specifications.· **Possibility of hazardous reactions:** No dangerous reactions known.· **Conditions to avoid:** No further relevant information available.· **Incompatible materials:**

Oxidizing agents

(Contd. on page 5)

# Safety Data Sheet

## according to WHS Regulations

Date of issue: 12.09.2025

Revision: 12.09.2025

Trade name: **Ultradent™ EDTA 18% Solution**

(Contd. of page 4)

Alkalis

Acids

· **Hazardous decomposition products:**

Sodium Hydroxide

Nitrogen oxides

Carbon monoxide and carbon dioxide

Ammonia

### 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** Causes skin irritation.
- **Serious eye damage/irritation** Causes serious eye irritation.
- **Respiratory or skin sensitisation** Based on available data, the classification criteria are not met.
- **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.

### 12 Ecological Information

- **Toxicity**
- **Aquatic toxicity:** No further relevant information available.
- **Persistence and degradability** No further relevant information available.
- **Behaviour in environmental systems:**
- **Bioaccumulative potential** No further relevant information available.
- **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.  
 Rinse off of bigger amounts into drains or the aquatic environment may lead to increased pH-values. A high pH-value harms aquatic organisms. In the dilution of the use-level the pH-value is considerably reduced, so that after the use of the product the aqueous waste, emptied into drains, is only low water-dangerous.
- **Results of PBT and vPvB assessment**
- **PBT:** Not applicable.
- **vPvB:** Not applicable.
- **Other adverse effects** No further relevant information available.

### 13 Disposal considerations

- **Waste treatment methods**
- **Recommendation**  
 Dispose of contents/container in accordance with international, federal, state, and local regulations.

(Contd. on page 6)

AU

# Safety Data Sheet

## according to WHS Regulations

Date of issue: 12.09.2025

Revision: 12.09.2025

Trade name: **Ultradent™ EDTA 18% Solution**

(Contd. of page 5)

- **Uncleaned packaging:**
- **Recommendation:** Disposal must be made according to official regulations.

### 14 Transport information

- |                                                                             |                 |
|-----------------------------------------------------------------------------|-----------------|
| · <b>UN-Number</b>                                                          |                 |
| · <b>ADG, ADN, IMDG, IATA</b>                                               | not regulated   |
| · <b>UN proper shipping name</b>                                            |                 |
| · <b>ADG, ADN, IMDG, IATA</b>                                               | not regulated   |
| · <b>Transport hazard class(es)</b>                                         |                 |
| · <b>ADG, ADN, IMDG, IATA</b>                                               |                 |
| · <b>Class</b>                                                              | not regulated   |
| · <b>Packing group</b>                                                      |                 |
| · <b>ADG, IMDG, IATA</b>                                                    | not regulated   |
| · <b>Environmental hazards:</b>                                             | Not applicable. |
| · <b>Special precautions for user</b>                                       | Not Applicable  |
| · <b>Transport in bulk according to Annex II of Marpol and the IBC Code</b> | Not applicable. |
| · <b>UN "Model Regulation":</b>                                             | not regulated   |

### 15 Regulatory information

- **Safety, health and environmental regulations/legislation specific for the substance or mixture**

- **NIOSH-Ca (National Institute for Occupational Safety and Health)**

None of the ingredients is listed.

- **Australian Inventory of Industrial Chemicals**

All ingredients are listed.

- **Standard for the Uniform Scheduling of Medicines and Poisons**

None of the ingredients is listed.

- **Australia: Priority Existing Chemicals**

None of the ingredients is listed.

- **Directive 2012/18/EU**

- **Named dangerous substances - ANNEX I** None of the ingredients is listed.

- **Chemical safety assessment:**

Device is biocompatible when used as directed by dental professionals per ISO 10993-1

### 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 from Section 3**

H315 Causes skin irritation.

H319 Causes serious eye irritation.

(Contd. on page 7)

# Safety Data Sheet

## according to WHS Regulations

Date of issue: 12.09.2025

Revision: 12.09.2025

**Trade name: Ultradent™ EDTA 18% Solution**

(Contd. of page 6)

*H335 May cause respiratory irritation.*

· **Department issuing SDS:** Environmental, Health, and Safety

· **Contact:** Customer Service

· **Abbreviations and acronyms:**

*ADR: Accord relatif au transport international 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*

*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*

*NIOSH: National Institute for Occupational Safety*

*Skin corrosion/irritation – Category 2: Skin corrosion/irritation – Category 2*

*Eye damage/irritation – Category 2A: Serious eye damage/eye irritation – Category 2A*

*Specific target organ toxicity (single exposure) – Category 3: Specific target organ toxicity (single exposure) – Category 3*

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

AU