

# Safety Data Sheet (SDS Sheet)

**Product Name:** EndoGel

**Part No.** 33628, 33648, 33811, 33850

**Date of Preparation:** May 01, 2020

## Product Name

### Section 1: Identification

**Product Name:** EndoGel

**Product Code:** 33628, 33648, 33811, 33850

**Product Use:** Endodontic Lubricant for use by Dentists. Included as stand-alone product (#33850) and is also included in 'Endo Ring' product line (#33628, 33648 & 33811).

**Almore International** 441 19th Street SE, Hickory, NC 28602

**Emergency Telephone Numbers:** (503) 643-6633 | Telephone for information: (503) 643-6633

### Section 2: Hazard(s) Identification

**Hazard and Danger Classification:**

Xi-Irritant

C-Corrosive

R36//38 Irritating to eyes and skin



**Causes eye irritation:** Wash thoroughly after handling. Wear protective gloves.

**Causes skin irritation:** Wear eye and face protection. Wear protective clothing.

**GHS Label:** Not Applicable (See Section 14)

### Section 3: Composition/Information on Ingredients

| Hazardous Component | CAS Number | EC #      | Classification and Risk R Phases | Wt % |
|---------------------|------------|-----------|----------------------------------|------|
| EDTA                | 62-33-9    | 200-573-9 | Xi: R36/37/38                    | 1-10 |
| Urea Peroxide       | 124-43-06  | 204-701-4 | C: R36/37/38                     | 1-10 |

See Section 8 for Exposure Information

See section 15 for Risk and Safety Phases

### Section 4: First Aid Measures

**Eye:** Eye irritation. Flush immediately with large amounts of water for at least 15 minutes. Eyelids should be held away from the eyeball to ensure thorough rinsing. Get immediate medical attention.

**Skin:** Itching or burning of the skin. Immediately flush the skin with plenty of water while removing contaminated clothing and shoes. Wash contaminated clothing before reuse.

**Inhalation:** No treatment is necessary since this material will likely not be hazardous by inhalation. If combined with excessive dust or from other fumes remove to fresh air. Get medical attention if breathing or coughing symptoms persist.

**Ingestion:** May be irritating to the mouth and throat along with possible stomach pain or nausea might occur. Flush mouth out with water. Give large volumes of water if ingested. Get immediate medical attention. Do not induce vomiting unless directed by medical personnel.

### Section 5: Fire Fighting Measures

**Suitable Extinguishing Media:** Use dry chemical, foam, or carbon dioxide to extinguish fire. Water may be ineffective but should be used to cool fire-exposed containers, structures and to protect personnel. Use water to dilute spills and flush them away from sources of ignition.

**Fire Fighting Procedures:** Do not flush down sewers or other drainage systems. Exposed firefighters should wear protective clothing to prevent skin and eye contact along with self-contained respiratory protective devices.

**Unusual Fire and Explosion Hazards:** Product does not present explosive hazards

**Combustion Products:** Combustion may emit toxic fumes.

### Section 6: Accident Release Measures

**Personal Protection:** Wear protective clothing and safety eyewear. Avoid excessive or gross skin contact to prevent irritation or contact dermatitis.

**Environmental Precautions:** Do not flush into sewers or waterways. Contain spill up and dispose in appropriate fashion according to local regulations.

**Clean up Measures:** For large spills, use absorbents such as vermiculite or sand and contain and scoop up and transfer to a suitable container. Dispose according to local regulations.

### Section 7: Handling and Storage

**Safe Handling:** Do not get in eyes, on skin or on clothing. Do not allow material to become an aerosol. The product is to be used by trained dental staff only and observe normal handling of materials and chemicals.

**Safe Storage:** Store in original package only. Store in cool well-ventilated area. If tubes or container is accidentally opened before use, dispose of product appropriately.

### Section 8: Exposure Controls / Personal Protection

**Engineering Controls:** Not Applicable

**Personal Protective Equipment (PPE):**

**Eye Protection:** Use safety glasses. Have eye-wash stations available where eye contact can occur.

**Skin Protection:** use protective clothing

**Respiratory Protection:** Not indicated with normal use. General ventilation is sufficient to control any airborne levels. Normal protective mask is recommended.

**Hand Protection:** Use in the presence of gloves.

### Section 9: Physical and Chemical Properties

|  |                                |   |                         |
|--|--------------------------------|---|-------------------------|
| <b>Appearance/color</b>                | Slightly translucent White gel | <b>Vapor Pressure</b>                         | Not Applicable          |
| <b>Odor</b>                            | None to slight                 | <b>Vapor Density</b>                          | Not Applicable          |
| <b>pH</b>                              | 7.5-8.5                        | <b>Relative Density</b>                       | Spec Gravity: 1.05-1.15 |
| <b>Melting/freezing point</b>          | Not Tested                     | <b>Solubility</b>                             | Soluble in water        |
| <b>Initial Boiling Point and Range</b> | Not Tested                     | <b>Partition Coefficient: N-octanol/water</b> | Not Applicable          |
| <b>Flash Point</b>                     | Not Applicable                 | <b>Auto ignition temperature</b>              | Not Applicable          |
| <b>Evaporation Rate</b>                | Not Applicable                 | <b>Decomposition Temperature</b>              | Not Applicable          |
| <b>Flammability</b>                    | Not Applicable                 | <b>Viscosity</b>                              | 50,000-90,000cps        |
| <b>Explosive Properties</b>            | Not Applicable                 | <b>Oxidizing Properties</b>                   | Not tested              |

### Section 10: Stability and Reactivity

**Stability:** Stable under normal conditions and storage

**Incompatible Materials:** Strong oxidizing agents, strong bases and strong acids

**Conditions to Avoid:** Avoid excess heat, will degrade

**Hazardous Reactions/Decomposition Products:** With combustion may emit toxic fumes along with Nitrous Oxides, CO<sub>2</sub>, CO, and Ammonia.

### Section 11: Toxicological Information

**Signs and Symptoms of Overexposure:** Product may cause skin irritations to a rash. Eye irritation can result to possible corneal damage.

**Acute Effects:** Itching, burning.

**Eye Contact:** may cause eye irritation with small exposure to severe conjunctiva irritation and corneal damage with overexposure.

**Skin Contact:** Slight to moderate contact may cause irritation.

**Inhalation:** Direct contact or combined with dust or aerosol may cause slight irritation Coughing may result.

**Ingestion:** May cause irritation to throat. Nausea may result.

**Target Organ Effects:** Not applicable.

**Chronic Effects:** Not applicable

**Medical Conditions Aggravated by Exposure:** Only for people know to be sensitive to EDTA or Urea Peroxide.

#### Acute Toxicity Values

**EDTA:** Oral LD<sub>50</sub> (Rat) > 30 mg/kg

**Urea Peroxide:** Oral LD<sub>50</sub> (Rat) >2.0g/kg

### Section 12: Ecological Information

#### EDTA

**Bacteria:** Psuedomonas putida EC<sub>50</sub> 28mg/ml 16H

**Fish:** Lepomis LC<sub>50</sub> 41mg/l 96H

**Invertebrates:** Daphnia EC<sub>50</sub> 28mg/l 48H

#### Urea Peroxide

**Fish:** Leuciscus idus LC<sub>50</sub> 35mg/l

**Invertebrates:** Daphnia EC<sub>50</sub> 7.7mg/l

Bioaccumulation is not expected to be significant.

Readily absorbed in soil

Degradation: Biodegradable

### Section 13: Disposal Considerations

As sold, this product, when discarded or disposed of, is a hazardous waste according to Federal regulations (40 CFR 261). The transportation, storage, treatment and disposal of this waste material must be conducted in compliance with 40 CFR 262, 263, 264, 268 and 270. Disposal can occur only in properly permitted facilities. Refer to state and local requirements for any additional requirements, as these may be different from Federal laws and regulations. Chemical additions, processing or otherwise altering this material may make waste management information presented in the MSDS incomplete, inaccurate or otherwise inappropriate.

## Section 14: Transport Information

### Land Transportation (DOT) ADR/RID

**Proper Shipping Name:** SlickGel ES (With Urea Hydrogen Peroxide)

**ADR Class:** 5.1

**UN/NA Number:** 1511

**Packing Group:** III

**Labels:** None

### Maritime Transportation (IMDG)

**Proper Shipping Name:** SlickGel ES (With Urea Hydrogen Peroxide)

**ADR Class:** 5.1

**UN/NA Number:** 1511

**Packing Group:** III

**Labels:** None

### Air Transport IATA/ICAO

**Proper Shipping Name:** SlickGel ES (With Urea Hydrogen Peroxide)

**ADR Class:** 5.1

**UN/NA Number:** 1511

**Packing Group:** III

**Labels:** None

## Section 15: Regulatory Information

### U.S. Federal Regulations

#### Comprehensive Environmental Response and Liability Act of 1980 (CERCLA):

The reportable quantity (RQ) for this material is 1000 pounds. If appropriate, immediately report to the National Response Center (800/424-8802) as required by U.S. Federal Law. Also contact appropriate state and local regulatory agencies.

**Toxic Substances Control Act (TSCA):** All components of this product are included on the TSCA inventory.

**Clean Water Act (CWA) / Clean Air Act (CAA):** Not Applicable

**[Superfund Amendments and Reauthorization Act (SARA) Title III Information:** Not Applicable

**SARA Section 311/312 (40 CFR 370) Hazard Categories:**

**Immediate, Delayed, Fire and Reactivity Hazards:** Not applicable

**This product contains the following toxic chemical(s) subject to reporting requirements of SARA Section 313 (40 CFR 372)**

| Component      | CAS Number     | Maximum %      |
|----------------|----------------|----------------|
| Not Applicable | Not Applicable | Not Applicable |

### State Regulations

**California:** This product contains the following chemical(s) known to the State of California to cause cancer, birth defects or reproductive harm:

| Component      | CAS Number     | Maximum %      |
|----------------|----------------|----------------|
| Not Applicable | Not Applicable | Not Applicable |

### International Regulations

**Canadian Environmental Protection Act:** This product is a medical device and is not subject to chemical notification requirements **Canadian Workplace Hazardous Materials Information System (WHMIS):** This product is a medical device and is not subject to chemical notification requirements

**European Inventory of Existing Chemicals (EINECS):** This product is a medical device and is not subject to chemical notification requirements

**EU Risk (R) and Safety (S) Phrases:**

Xi: Irritant

C: Corrosive

R36//38 Irritating to eyes and skin

**Section 16: Other Information**

All information, recommendations, and suggestions appearing herein concerning our product are based upon tests and data from our vendors and suppliers and are believed to be reliable. However, no warranty is made with respect thereto and expressly disclaims all liability for reliance thereon. This information is offered solely for your consideration.