



Safety Data Sheet

Section 1: Identification

Product Name: Endogel

Synonyms: Root Canal Lubricating Gel

Product Use: Endodontic Lubricant for use by Dentist only

Address: Jordco, Inc.

595 NW 167th Ave.

Beaverton, OR 97006

USA

Phone: 1-503-531-3904

Transportation Emergency Number: 1-503-531-3904

Section 2: Hazard(s) Identification

Hazard and Danger Classification:

Xi-Irritant

C-Corrosive

R36//38 Irritating to eyes and skin



Health	Environmental	Physical
Not Applicable	Not Applicable	Not-Applicable

GHS Label: Not Applicable (See Section 14)

<i>Hazard Statements</i>	<i>Precautionary Statements</i>
Causes eye irritation Causes skin irritation	Wash thoroughly after handling. Wear protective gloves Wear eye and face protection Wear protective clothing.

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.

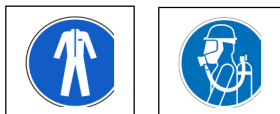
Section 5: Fire-Fighting Measures

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 to 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.

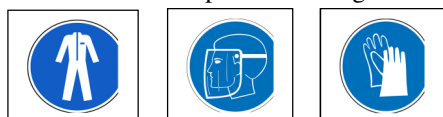


Section 6: Accidental Release Measures

Personal Protection: Where 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.

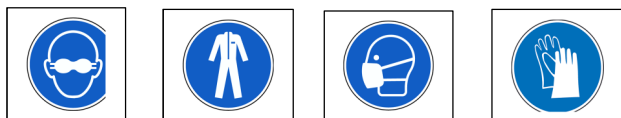
Safe Storage: Store in original package only. Store in a cool well-ventilated area. If tubes or container is accidentally opened before use, dispose product appropriately.

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

Appearance/color	Slightly translucent White Gel	Vapor Pressure	Not Applicable
Odor	None to slight	Vapor Density	Not Applicable
pH	7.5-8.5	Relative Density	Spec Gravity: 1.05-1.15
Melting/freezing point	Not tested	Solubility	Soluble in water
Initial Boiling Point and Range	Not tested	Partition Coefficient: N-octanol/water	Not Applicable
Flash Point	Not Applicable	Auto ignition temperature	Not Applicable
Evaporation Rate	Not Applicable	Decomposition Temperature	Not Applicable
Flammability	Not Applicable	Viscosity	50,000-90,000cps
Explosive Properties	Not Applicable	Oxidizing Properties	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, CO₂, 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 LD₅₀ (Rat) > 30 mg/kg

Urea Peroxide

Oral LD₅₀ (Rat) >2.0g/kg

Section 12: Ecological Information

EDTA

Bacteria: Psuedomonas putida EC50 28mg/ml 16H

Fish: Lepomis LC50 41mg/l 96H

Invertebrates: Daphnia EC50 28mg/l 48H

Urea Peroxide

Fish: Leuciscus idus LC50 35mg/l

Invertebrates: Daphnia EC50 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): Not Applicable.

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 Hazard: Not applicable

Delayed Hazard: Not applicable
Fire Hazard: Not applicable
Pressure Hazard: Not applicable
Reactivity Hazard: 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 chemicals(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

National Fire Protection Association (NFPA) Ratings: This information is intended solely for the use of individuals trained in the NFPA system.

Health: 1

Flammability: 0

Reactivity: 0

Revision Indicator: NEW SDS June 14, 2014

This SDS (Safety Data Sheet) was prepared in accordance with EC Directive 2001/58/EC

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