

MATERIAL SAFETY DATA SHEET

HDI Inc.

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Denu EDTA Cream

SECTION 1. PRODUCT AND COMPANY IDENTIFICATION

Product Name: Denu EDTA Cream

Product Description: Root canal preparation EDTA cream

Manufacturer:

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Seongnam-si, Gyeonggi-do, 13209 Republic of Korea

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SECTION 2. COMPOSITION AND INFORMATION OF INGREDIENTS

Ingredients	% by Wt	CAS. No.
Ethanol	2-6	64-17-5
Peroxide urea	8-12	124-43-6
Polyethylene glycol	7-13	25322-68-3
Proplene glycol	8-12	57-55-6
Ethylenediamine tetra acetic acid	15-20	6381-92-6
EDTA, Disodium dihydrate	51-55	7732-18-5

SECTION 3. HAZARDS IDENTIFICATION

Environmental: Non-hazardous

Physical: Non-hazardous

Health: Acute Toxicity (Oral), Category 3

SECTION 4. FIRST AID MEASURES

Eyes contact: Immediately flush eyes with plenty of water. Get medical attention, if irritation persists.

Skin contact: Wash with soap and water. Get medical attention if irritation develops or persists.

Ingestion: Give large volumes of water. Do not induce vomiting. Consult a physician if you feel unwell.

Inhalation: No specific treatment is necessary since this material is not likely to be hazardous by inhalation.

SECTION 5. FIRE FIGHTING MEASURES

Extinguishing media: Water, foam, dry chemical

Hazardous combustion products: None known.

General fire fighting procedures:

Evacuate all personnel.

Use protective equipment for fire-fighting.

Use self-contained breathing apparatus when the product is involved in fire.

SECTION 6. ACCIDENTAL RELEASE MEASURES

Personal precautions, protective equipment and emergency procedures:

Refer to Section 8 for Personal Protective Equipment.

Water spill: Do not allow to enter sewers or drains that may lead to waterways.

Small Spill: Clean up spills immediately.

Large Spill: Absorb with inert, damp non-combustible material, then flush the area with water.

Methods for cleansing: Sweep up and wash the contaminated place with a proper absorbent

SECTION 7. HANDLING AND STORAGE

Handling: Use suitable protective equipment.

Storage: See product labeling.

Store in a cool, dry place

Avoid the exposure of flames, heat, and light

Shelf life: See product labeling

SECTION 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Advice: Harmless to human body

Personal Protection: Safety glasses and rubber gloves

Hygiene Measure: Handle in accordance with safety practice

Do not eat

SECTION 9. PHYSICAL/CHEMICAL CHARACTERISTICS

Physical state: Low viscosity liquid

Appearance: Clear

Color: Colorless

Odor: Odorless or no characteristic odor

SECTION 10. STABILITY AND REACTIVITY

Reactivity: Stable

Chemical stability: Stable when stored and handled under recommended conditions.

Hazardous polymerization: None

Conditions to avoid: Strong acids, strong bases, and oxidizing agents.

Incompatible materials: Not Determined

SECTION 11. TOXICOLOGICAL INFORMATION

Likely routes of exposure: **Inhalation;** Skin and eye contact

Acute toxicity: Harmful if swallowed.

Skin corrosion/irritation: Causes skin irritation.

Respiratory or skin sensitization: Not classified

Germ cell mutagenicity: Not classified

Carcinogenicity: Not classified

Reproductive toxicity: Not classified

SECTION 12. ECOLOGICAL INFORMATION

Aquatic toxicity (acute): Do not allow to enter sewers or drains that may lead to waterways.

Persistence and degradability: Not classified

Bioaccumulative potential: Not classified

Mobility in soil: Not Available

Environmental data: Do not flush to sewer.

SECTION 13. DISPOSAL CONSIDERATION

Waste disposal recommendations: Dispose in a safe manner in accordance with local/national regulations.

Ecology - waste materials: Avoid release to the environment.

SECTION 14. TRANSPORT INFORMATION

- **UN No.:** Not applicable
- **Proper shipping name:** Not applicable
- **Hazard Class:** Not applicable
- **Packing group:** Not applicable
- **Marine pollution:** Not applicable
 - Local transport follows in accordance with dangerous goods safety management law.
 - Package and transport follow in accordance with department of transportation (NOT) and other regulatory agency requirements
 - Air transport(IATA): Not subject to IATA regulations.
 - Follow the regulations of the national or local regulations.

SECTION 15. REGULATORY INFORMATION

Follow local or national regulations.

SECTION 16. OTHER INFORMATION

The information in this Material Safety Data Sheet is believed as to be correct as of the date issued. It is stated only as guidance for safe handling, use, processing, storage, transport, and disposal. Thus, it is not to be considered a warranty or representation for which HDI Inc. takes any kind of legal responsibilities. HDI Inc. takes no legal responsibility for any damages stemming from the mishandling of this product.