

SAFETY DATA SHEET

UnoDent UnoCal NS – EVU005

SECTION 1. IDENTIFICATION

Product Name UnoDent UnoCal NS (EVU005)

Identified uses Filling material for infected root canals. For dental professionals only.

Supplier


UnoDent Ltd. 10 Perry Way, Witham Essex, CM8 3SX

Contact Person UnoDent Ltd – 01376 500582

Manufacturer UnoDent Ltd –
Telephone - 01376 500582
info@unodent.com

SECTION 2. HAZARD(S) IDENTIFICATION

	Appearance	Paste
	Color	Yellow White
	Odor	No information available.

GHS Pictogram 

Signal Word Warning

Hazard Statements H314 Causes severe skin burns and eye damage H318 Causes serious eye damage.

Precautionary Statements

P260	Do not breathe dust/fume/gas/mist/vapours/spray
P264	Wash ... thoroughly after handling
P271	Use only outdoors or in a well-ventilated area
	Wear protective gloves/protective clothing/
	P280 eye protection/face protection.

Contains Barium sulfate, Calcium hydroxide

GHS Classification Physical and Chemical Hazards Not classified.
Human health Not classified. Environment Not classified.

Other hazards
This product does not contain any PBT or vPvB substances.

SECTION 3. COMPOSITION/INFORMATION ON INGREDIENTS

Ingredient	CAS No.	EC No.	% by Wt	Classification
Barium sulfate	7727-43-7	231-784-4	1~5	-
Calcium hydroxide	1305-62-0	215-137-3	15~25	Skin Irrit. 2; Eye Dam. 1; STOT SE 3; H315, H318, H335

SECTION 4. FIRST-AID MEASURES

Description of first aid measures

General Information

Move the exposed person to fresh air at once. Get medical attention if any discomfort continues.

Inhalation

Move the exposed person to fresh air at once.

Ingestion

Try to induce vomiting. Get medical attention if any discomfort continues.

Skin Contact

Wash the skin immediately with soap and water.

Eye Contact

Make sure to remove any contact lenses from the eyes before rinsing. Promptly wash eyes with plenty of water while lifting the eye lids. Continue to rinse for at least 15 minutes. Contact physician if irritation persists.

Most important symptoms and effects, both acute and delayed

Ingestion

Slightly irritating. (DIGESTIVE SYSTEM.) **Skin**

Contact

Slightly irritating. May cause sensitization by skin contact.

Eye Contact

Slightly Irritating.

Indication of any immediate medical attention and special treatment needed

Notes To The Physician

CAUTION! First aid personnel must be aware of own risk during rescue! Wear suitable protective clothing.

SECTION 5. FIRE-FIGHTING MEASURES

Auto Ignition Temperature (°C)

Not available.

Flammability Limit - Lower(%)

Not available.

Flammability Limit - Upper(%)

Not available. **Flash point (°C)**

Not available.

Extinguishing Media

Fire can be extinguished using: Foam. Carbon dioxide or dry powder.

Specific Hazards

When heated and in case of fire, irritating vapors/gases may be formed.

Special Fire Fighting Procedures Avoid breathing fire vapors.

Protective Equipment For Fire-Fighters

Wear full protective clothing.

SECTION 6. ACCIDENTAL RELEASE MEASURES

Personal Precautions

Wear protective clothing as described in Section 8 of this material safety data sheet.

Environmental Precautions

Do not allow to enter drains, sewers or watercourses.

Spill Clean Up Methods

Extinguish all ignition sources. Avoid sparks, flames, heat and smoking. Ventilate. Absorb in vermiculite, dry sand or earth and place into containers.

Reference to other sections

For personal protection, see section 8.

SECTION 7. HANDLING AND STORAGE

Handling

All handling to take place in well-ventilated area.

Storage

Store in a cool, dark place (0-25°C, 32-77°F). Keep away from heat, direct sunlight, sparks and open flames.

Storage Class Chemical storage.

Specific end use(s)

The identified uses for this product are detailed in Section 1.2.

SECTION 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Engineering Measures

Provide adequate general and local exhaust ventilation. **Respiratory**

Equipment

In case of inadequate ventilation use suitable respirator.

Hand Protection

Wear protective gloves.

Eye Protection

Wear approved safety goggles.

Other Protection

Wear appropriate clothing to prevent any possibility of skin contact.

Hygiene Measures

DO NOT SMOKE IN WORK AREA! Wash hands at the end of each work shift and before eating, smoking and using the toilet. Wash promptly with soap & water if skin becomes contaminated. Promptly remove any clothing that becomes contaminated. Use appropriate skin cream to prevent drying of skin. When using do not eat, drink or smoke.

SECTION 9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance Paste	Paste
Color	Yellow White
Odor	No information available.
Solubility	No information available.
Initial boiling point and boiling range	Not available.
Melting point (°C)	Not available.
Relative density	1.9
Vapor density (air=1)	Not available.
Vapor pressure	Not available.
Evaporation rate	Not available.
pH-Value , Conc. Solution	7
pH-Value, Diluted Solution	Not available.
Viscosity	Not available.

Decomposition temperature (°C)	Not available.
Odour Threshold, Lower	Not available.
Odour Threshold, Upper	Not available.
Flash point	Not available.
Auto Ignition Temperature (°C)	Not available.
Flammability Limit - Lower(%)	Not available.
Flammability Limit - Upper(%)	Not available.
Partition Coefficient (N-Octanol/Water)	Not available.
Explosive properties	Not available.
Other Flammability	Not available.
Oxidising properties	Not available.

SECTION 10. STABILITY AND REACTIVITY

Reactivity May

polymerise.

Stability

Stable under normal temperature conditions and recommended use.

Hazardous reactions Not available.

Conditions To Avoid

Keep away from heat, sparks and open flame. Protect against direct sunlight.

Materials To Avoid Strong oxidizing agents.

Hazardous Decomposition Products

Toxic gases are generated when heated.

SECTION 11. TOXICOLOGICAL INFORMATION

Acute toxicity:

General observation and death

no clinical signs or cage death was observed on test animals

oral mucosa irritation General

observation and death

no clinical signs or cage death was observed on test animals

Skin Corrosion/Irritation:

Slightly irritating.

Serious eye damage/irritation:

Slightly Irritating.

Respiratory sensitisation Not

available.

Skin sensitisation

May cause sensitization by skin contact.

Germ cell mutagenicity:

Not available.

Carcinogenicity:

IARC Carcinogenicity Not listed
NTP - Carcinogenicity Not listed.
OSHA - Carcinogenicity Not listed.

Reproductive Toxicity:
Not available.

Specific target organ toxicity - single exposure:
STOT - Single exposure Not available.

Specific target organ toxicity - repeated exposure:
STOT - Repeated exposure Not available.

Aspiration hazard:
Viscosity Not available.

SECTION 12. ECOLOGICAL INFORMATION

Toxicity

No data available.

Degradability No data available.

Bioaccumulative potential

No data available on bioaccumulation.

Partition coefficient Not available.

Mobility:

No information available.

Results of PBT and vPvB assessment

This product does not contain any PBT or vPvB Substances.

Other adverse effects Not known.

SECTION 13. DISPOSAL CONSIDERATIONS

Disposal Methods

Dispose of waste and residues in accordance with local authority requirements.

SECTION 14. TRANSPORT INFORMATION

General	Not regulated.
UN No. (DOT/TDG)	N/A
UN No. (IMDG)	N/A
UN No. (ICAO)	N/A
DOT Proper Shipping Name	Not applicable.
DOT Hazard Class	No classification noted.
DOT Hazard Label	No DOT label requirement noted
IMDG Class	Not applicable.

ICAO Class	Not applicable.
Transport Labels	No transport warning sign required.
DOT Pack Group	Not applicable.
IMDG Pack Group	Not applicable.
Air Pack Group	Not applicable.
Environmentally Hazardous Substance/Marine Pollutant No.	
Special precautions for user	Not applicable

SECTION 15. REGULATORY INFORMATION

Follow the regulations of the KFDA
(Korea food & Drug Administration)

Follow the regulations of the CE
(Communaute Europeenne)

SECTION 16. OTHER INFORMATION

Date
2016/10/24(Rev.1)