

# Safety Data Sheet

according to WHS Regulations

Printing date 05.08.2020

Revision: 05.08.2020

## 1 Identification

**Product Name:** ODONTOCID

**Other Means of Identification:** Mixture

**Product Code:** OC8G

**Recommended Use of the Chemical and Restriction on Use:** Endodontic dressing

**Details of Manufacturer or Importer:**

ADM - Australian Dental Manufacturing  
25 Billabong Street  
Kenmore Hills QLD 4069

**Phone Number:** 07 3878 1901

**Emergency telephone number:** National Poison Information Centre: 13 11 26

## 2 Hazard(s) Identification

**Hazardous Nature:**

Classified as Hazardous according to the Globally Harmonised System of Classification and Labelling of Chemicals (GHS) and Safe Work Australia criteria.

Not classified as Dangerous Goods according to the Australian Code for the Transport of Dangerous Goods by Road and Rail. (7th edition)



corrosion

Serious Eye Damage/Irritation 1 H318 Causes serious eye damage.



Skin Corrosion/Irritation 2 H315 Causes skin irritation.

**Signal Word** Danger

**Hazard Statements**

H315 Causes skin irritation.

H318 Causes serious eye damage.

**Precautionary Statements**

P264 Wash thoroughly after handling.

P280 Wear protective gloves / eye protection / face protection.

P302+P352 IF ON SKIN: Wash with plenty of water.

P305+P351+P338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.

P310 Immediately call a POISON CENTER/doctor.

P321 Specific treatment (see on this label).

P362+P364 Take off contaminated clothing and wash it before reuse.

P332+P313 If skin irritation occurs: Get medical advice/attention.

## 3 Composition and Information on Ingredients

**Chemical Characterization:** Mixtures

**Description:** Mixture of substances listed below with nonhazardous additions.

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Hazardous Components:		
CAS: 1305-62-0	Calcium hydroxide (Ca(OH) <sub>2</sub> )	20-40%
	☠ Serious Eye Damage/Irritation 1, H318; ☠ Skin Corrosion/Irritation 2, H315	

### 4 First Aid Measures

**Inhalation:** Not applicable

**Skin Contact:**

In case of skin contact, immediately remove contaminated clothing and wash affected areas with water and soap. Seek medical attention if symptoms persist.

**Eye Contact:**

In case of eye contact, hold eyelids open and rinse with water for at least 15 minutes. Seek medical attention if symptoms occur.

**Ingestion:**

If swallowed, do not induce vomiting. Immediately give copious quantities of water. Do not give anything by mouth to an unconscious person. Seek medical attention.

**Symptoms Caused by Exposure:**

Inhalation: May cause respiratory irritation.

Skin Contact: Causes skin irritation and burning sensation.

Eye Contact: Causes serious eye damage. May cause ulceration of the eyes.

Ingestion: Small amounts of paste ingested might result in some irritation to the mucosa or gastrointestinal tract. Ingestion of the complete contents within the tube may cause more severe internal burning of the mucous membranes, gastrointestinal tract and respiratory tract.

### 5 Fire Fighting Measures

**Suitable Extinguishing Media:** Use fire extinguishing methods suitable to surrounding conditions.

**Specific Hazards Arising from the Chemical:**

No hazardous decomposition products known.

This product is not combustible.

Containers close to fire should be removed only if safe to do so.

**Special Protective Equipment and Precautions for Fire Fighters:**

When fighting a major fire wear self-contained breathing apparatus and protective equipment.

### 6 Accidental Release Measures

**Personal Precautions, Protective Equipment and Emergency Procedures:**

In case of fire wear an approved respirator and full protective clothing. Evacuate all non-essential personnel from affected area. Do not breathe dust. Ensure adequate ventilation. Avoid generating dust.

**Environmental Precautions:**

In the event of a major spill, prevent spillage from entering drains or water courses.

**Methods and Materials for Containment and Cleaning Up:**

Stop leak if safe to do so. Wipe up small spills with paper towel and dispose of in bin. Absorb large spills with sand, earth, vermiculite or some other absorbent material. Collect the spilled material and place into a suitable container for disposal. Wash spill area liberally with water.

### 7 Handling and Storage

**Precautions for Safe Handling:**

Use of safe work practices are recommended to avoid eye or skin contact.

Food, beverages and tobacco products should not be stored or consumed where this material is in use. Always wash hands before smoking, eating, drinking or using the toilet. Wash contaminated clothing and other

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protective equipment before storage or re-use. Provide eyewash fountains and safety showers in close proximity to points of potential exposure.

**Conditions for Safe Storage:**

Store in a cool, dry and well ventilated area. Keep in original container tightly closed when not in use. Protect from direct sunlight. Store at ~25 C. Store away from strong oxidizing agents. Product to be handled only by qualified staff in dental laboratories.

### 8 Exposure Controls and Personal Protection

**Exposure Standards:****CAS: 1305-62-0 Calcium hydroxide (Ca(OH)<sub>2</sub>)**NES | TWA: 5 mg/m<sup>3</sup>**Engineering Controls:**

Provide exhaust ventilation or other engineering controls to keep the airborne concentrations of vapour below occupational exposure standards.

**Respiratory Protection:** Respiratory protection is not required under normal use conditions.

**Skin Protection:**

PVC, PVA, nitrile, neoprene, rubber or vinyl gloves. See Australian/New Zealand Standard AS/NZS 2161 for more information.

When selecting gloves for use against certain chemicals, the degradation resistance, permeation rate and permeation breakthrough time should be considered.

Occupational protective clothing (depending on conditions in which it has to be used, in particular as regards the period for which it is worn, which shall be determined on the basis of the seriousness of the risk, the frequency of exposure to the risk, the characteristics of the workstation of each worker and the performance of the protective clothing). See Australian/New Zealand Standard AS/NZS 4501 for more information.

**Eye and Face Protection:** Eye protection is not required under normal use conditions.

### 9 Physical and Chemical Properties

**Appearance:**

<b>Form:</b>	Paste
<b>Colour:</b>	White/ off white
<b>Odour:</b>	Odourless
<b>Odour Threshold:</b>	No information available
<b>pH-Value:</b>	Strongly alkaline in the presence of water
<b>Melting point/freezing point:</b>	Not applicable
<b>Initial Boiling Point/Boiling Range:</b>	Not applicable
<b>Flash Point:</b>	Not applicable
<b>Flammability:</b>	Product is not flammable.
<b>Auto-ignition Temperature:</b>	Not applicable
<b>Decomposition Temperature:</b>	Not determined.
<b>Explosion Limits:</b>	
<b>Lower:</b>	Not applicable
<b>Upper:</b>	Not applicable
<b>Vapour Pressure:</b>	Not applicable.
<b>Density:</b>	Not determined.
<b>Relative Density:</b>	Not determined.
<b>Vapour Density:</b>	Not applicable.
<b>Evaporation Rate:</b>	Not applicable
<b>Solubility in Water:</b>	Slightly soluble in water

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### 10 Stability and Reactivity

**Possibility of Hazardous Reactions:** Hazardous polymerisation will not occur.

**Chemical Stability:** Stable at ambient temperature and under normal conditions of use.

**Conditions to Avoid:** Direct sunlight.

**Incompatible Materials:** Strong oxidising agents.

**Hazardous Decomposition Products:** No hazardous decomposition products known.

### 11 Toxicological Information

**Toxicity:**

**LD50/LC50 Values Relevant for Classification:**

LD50	>2000 mg/kg (rat)
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**CAS: 1305-62-0 Calcium hydroxide (Ca(OH)<sub>2</sub>)**

Oral LD50	7,340 mg/kg (rat)
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**Acute Health Effects**

**Inhalation:** May cause respiratory irritation.

**Skin:** Causes skin irritation and burning sensation.

**Eye:** Causes serious eye damage. May cause ulceration of the eyes.

**Ingestion:**

Small amounts of paste ingested might result in some irritation to the mucosa or gastrointestinal tract.

Ingestion of the complete contents within the tube may cause more severe internal burning of the mucous membranes, gastrointestinal tract and respiratory tract.

**Skin Corrosion / Irritation:** Causes skin irritation.

**Serious Eye Damage / Irritation:** Causes serious eye damage.

**Respiratory or Skin Sensitisation:** Based on classification principles, the classification criteria are not met.

**Germ Cell Mutagenicity:** Based on classification principles, the classification criteria are not met.

**Carcinogenicity:** This product does NOT contain any IARC listed chemicals.

**Reproductive Toxicity:** Based on classification principles, the classification criteria are not met.

**Specific Target Organ Toxicity (STOT) - Single Exposure:** May cause respiratory irritation.

**Specific Target Organ Toxicity (STOT) - Repeated Exposure:**

Based on classification principles, the classification criteria are not met.

**Aspiration Hazard:** Based on classification principles, the classification criteria are not met.

**Chronic Health Effects:** No information available

**Existing Conditions Aggravated by Exposure:** No information available

**Additional toxicological information:** Odontocide exhibits mild cytotoxicity.

### 12 Ecological Information

**Ecotoxicity:** No information available

**Aquatic toxicity:** No information available

**Persistence and Degradability:** No information available

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**Bioaccumulative Potential:** No information available**Mobility in Soil:** No information available**Other adverse effects:** No information available

### 13 Disposal Considerations

**Disposal Methods and Containers:** Dispose according to applicable local and state government regulations.**Special Precautions for Landfill or Incineration:**

Please consult your state Land Waste Management Authority for more information.

### 14 Transport Information

**UN Number** Not regulated**Proper Shipping Name** Not regulated**Dangerous Goods Class** Not regulated**Packing Group:** Not regulated**Marine pollutant:** No

### 15 Regulatory Information

**Australian Inventory of Chemical Substances:**

CAS: 25322-68-3	Polyethylene glycol
CAS: 79261-49-7	Ibuprofen
CAS: 1305-62-0	Calcium hydroxide (Ca(OH) <sub>2</sub> )
CAS: 7727-43-7	Sulfuric acid, barium salt (1:1)
CAS: 7732-18-5	Water
CAS: 112945-52-5	Silica, amorphous, fumed, crystalline free

**Standard for the Uniform Scheduling of Drugs and Poisons (SUSMP) - Poison Schedule:**

Poisons Schedule: 4

### 16 Other Information

**Date of Preparation or Last Revision:** 05.08.2020**Prepared by:** MSDS.COM.AU Pty Ltd[www.msds.com.au](http://www.msds.com.au)**Abbreviations and acronyms:**

GHS: Globally Harmonised System of Classification and Labelling of Chemicals

CAS: Chemical Abstracts Service (division of the American Chemical Society)

LC50: Lethal concentration, 50 percent

LD50: Lethal dose, 50 percent

IARC: International Agency for Research on Cancer

STEL: Short Term Exposure Limit

TWA: Time Weighted Average

NES: National Exposure Standard (Safe Work Australia - Workplace Exposure Standards For Airborne Contaminants)

Skin Corrosion/Irritation 2: Skin corrosion/irritation – Category 2

Serious Eye Damage/Irritation 1: Serious eye damage/eye irritation – Category 1

**Data altered compared to the previous version:**

Section 4: Eye Contact.

Section 4: Symptoms Caused By Exposure.

Section 5: Specific Hazards Arising From The Chemical.

Section 6: Methods And Materials For Containment And Cleaning Up.

Section 11: Acute Health Effects.

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## **Disclaimer**

This SDS is prepared in accord with the Safe Work Australia document "Code of Practice for the Preparation of Safety Data Sheets for Hazardous Chemicals - May 2018"

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