

# SAFETY DATA SHEET

According to Safe Work Australia

Printing date 10.09.2015

Revision: 10.09.2015

## 1 . IDENTIFICATION: PRODUCT IDENTIFIER AND CHEMICAL IDENTITY

**Product Name:** ODONTOPASTE

**Other Means of Identification:** Mixture

**Product Code:** OP8G

**Recommended Use of the Chemical and Restriction on Use:** Root canal medicament

**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 . HAZARDS IDENTIFICATION

**Hazardous Nature:**

Not 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)

The product is not classified according to the Globally Harmonised System (GHS).

**Signal Word** Void

**Hazard Statements** Void

## 3 . COMPOSITION AND INFORMATION ON INGREDIENTS

**Chemical Characterization: Mixtures**

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

**Hazardous Components:**

10035-04-8	Calcium chloride, dihydrate ⚠ Skin Irrit. 2, H315; Eye Irrit. 2A, H319	1-3%
76-25-5	Triamcinolone acetonide ⚠ Repr. 1A, H360	1%
1305-62-0	Calcium hydroxide (Ca(OH) <sub>2</sub> ) ⚠ Skin Irrit. 2, H315; Eye Irrit. 2A, H319; STOT SE 3, H335	0.25-0.75%
7681-57-4	sodium metabisulphite ⚠ Eye Dam. 1, H318; ⚠ Acute Tox. 4, H302	0.01-0.1%

## 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, rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Seek medical attention if symptoms persist.

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**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:**

Eye Contact: May cause moderate irritation.

Skin Contact: Irritation is not expected if exposure is minimal.

Ingestion: May cause laboured breathing, nose bleeds and/or diarrhoea.

### 5 . FIRE FIGHTING MEASURES

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

**Specific Hazards Arising from the Chemical:** Non-combustible paste.

**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. Ensure adequate ventilation.

**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:**

Wipe up small spills with paper toweling and dispose to bin.

### 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 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 approximately 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:**

**7681-57-4 sodium metabisulphite**

NES | TWA: 5 mg/m<sup>3</sup>

**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.

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### Respiratory Protection:

Respiratory protection is not required under normal use conditions.

Use approved vapour respirator under conditions where exposure to the substance is apparent (e.g. generation of high concentrations of mist or vapour, inadequate ventilation, development of respiratory tract irritation) and engineering controls are not feasible. See Australian Standards AS/NZS 1715 and 1716 for more information.

### 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 and face protectors for protection against splashing materials or liquids. See Australian/New Zealand Standard AS/NZS 1337 for more information.

## 9 . PHYSICAL AND CHEMICAL PROPERTIES

### Appearance:

<b>Form:</b>	Paste
<b>Colour:</b>	White/ off white
<b>Odour:</b>	Odourless
<b>Odour Threshold:</b>	Odourless
<b>pH-Value:</b>	Slightly alkaline
<b>Melting point/Melting range:</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>	Soluble in water

## 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.

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### 11 . TOXICOLOGICAL INFORMATION

**Toxicity:**

<b>LD<sub>50</sub>/LC<sub>50</sub> Values Relevant for Classification:</b>		
<b>1305-62-0 Calcium hydroxide (Ca(OH)<sub>2</sub>)</b>		
Oral	LD <sub>50</sub>	7340 mg/kg (rat)
<b>21462-39-5 Clindamycin hydrochloride</b>		
Oral	LD50	2372 mg/kg (rat)
<b>76-25-5 Triamcinolone acetonide</b>		
	LD50	132 mg/kg (subcutaneous) (rat)
<b>7681-57-4 sodium metabisulphite</b>		
Oral	LD <sub>50</sub>	>2000 mg/kg (rat)
Dermal	LD <sub>50</sub>	>2000 mg/kg (rat)

**Acute Health Effects**

**Inhalation:** No adverse health effects expected.

**Skin:** No adverse health effects expected.

**Eye:** May cause moderate eye irritation.

**Ingestion:** May cause laboured breathing, nose bleeds and/or diarrhoea.

**Skin Corrosion / Irritation:** Based on classification principles, the classification criteria are not met.

**Serious Eye Damage / Irritation:** Based on classification principles, the classification criteria are not met.

**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:**

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

**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

### 12 . ECOLOGICAL INFORMATION

**Ecotoxicity:** No information available

**Aquatic toxicity:** No information available

**Persistence and Degradability:** No information available

**Bioaccumulative Potential:** No information available

**Mobility in Soil:** No information available

**Other adverse effects:** No information available

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### 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

<b>UN Number</b>	Not regulated
<b>Proper Shipping Name</b>	Not regulated
<b>Dangerous Goods Class</b>	Not regulated
<b>Packing Group:</b>	Not regulated
<b>Marine pollutant:</b>	No Symbol (fish and tree)

### 15 . REGULATORY INFORMATION

**Australian Inventory of Chemical Substances:**

21462-39-5	Clindamycin hydrochloride
76-25-5	Triamcinolone acetonide
1305-62-0	Calcium hydroxide (Ca(OH) <sub>2</sub> )
10035-04-8	Calcium chloride, dihydrate
25322-68-3	Polyethylene glycol
7681-57-4	Sodium metabisulphite
6381-92-6	Disodium EDTA
1314-13-2	Zinc oxide
112945-52-5	Silica, amorphous, fumed, crystalline free
7732-18-5	Water

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

Poisons Schedule: 4

### 16 . OTHER INFORMATION

**Date of Preparation or Last Revision:** 10.09.2015

**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

EINECS: European Inventory of Existing Commercial Chemical Substances

ELINCS: European List of Notified Chemical Substances

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

LC<sub>50</sub>: Lethal concentration, 50 percent

LD<sub>50</sub>: 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)

**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 - December 2011"

The information contained in this safety data sheet is provided in good faith and is believed to be accurate at the date of issuance. ADM - Australian Dental Manufacturing makes no representation of the accuracy or

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