

## MATERIAL SAFETY DATA SHEET

### 1. INTRODUCTORY AND COMPANY DETAILS

**Product Name:** SEPTOCALCINE ULTRA - CATALYST  
**Other Names:** n/a  
**Recommended Use:** For use in dentistry as a cavity liner.

**Company name:** SPECIALITIES SEPTODONT Pty Ltd.  
**Address:** 14 Cliffbrook Crescent, Emu Plains, NSW 2750  
**Telephone:** 02 4735 5174  
**Fax:** 02 9482 2612  
**Emergency Telephone:** 07 5522 4880

### 2. HAZARDS IDENTIFICATION

**Hazard Classification:** HAZARDOUS SUBSTANCE, DANGEROUS GOODS



Corrosive (C)



Harmful (Xn)



Dangerous for the Environment (N)

**Risk Phrases:**

R 34	Causes burns
R 20/21/22	Harmful by inhalation, in contact with skin and if swallowed.
R 50/53	Very toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment.

**Safety Phrases:**

S 26	In case of contact with the eyes, rinse immediately with plenty of water and seek medical advice.
S 36/37/39	Wear suitable protective clothing, gloves and eye/face protection.
S 45	In case of accident or if you feel unwell, seek medical advice immediately (show the label where possible)
S 61	Avoid release to the environment. Refer to special instructions/Safety data sheets
S 60	This material and its container must be disposed of as hazardous waste.
S 9	Keep container in a well-ventilated place.
S 57	Use appropriate container to avoid environmental contamination.

### 3. COMPOSITION / INFORMATION ON INGREDIENTS

**Chemical Identity of Ingredients:**

CAS	EC	Name	Symb.	R:	%
1305-62-0		CALCIUM HYDROXIDE	C	34	> 60
1314-13-2		ZINC OXIDE	N	50/53	< 10
		N-ETYHL-TOLUENE SULFONAMIDE	Xn	20/21/22	30-60

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#### 4. FIRST AID MEASURES

As a general rule, in case of doubt or if symptoms persist, always call a doctor. NEVER induce swallowing in an unconscious person.

**In the event of exposure by inhalation:**

If a large quantity is inhaled, move the patient into the fresh air and keep him/her warm and still. If breathing is irregular or has stopped, effect mouth-to-mouth resuscitation and call a doctor. Do not give the patient anything orally.

**In the event of splashes or contact with eyes:**

Wash thoroughly with soft, clean water for 15 minutes holding the eyelids open. If there is any redness, pain or visual impairment, consult an ophthalmologist.

**In the event of splashes or contact with skin:**

Remove all contaminated or stained clothing immediately. Do not use them again until they have been decontaminated. Wash the skin thoroughly with soap and water or a recognised cleaner. DO NOT use solvents or thinners. If the contaminated area is widespread and/or there is damage to the skin, a doctor must be consulted or the patient transferred to hospital

**In the event of swallowing:**

In the event of swallowing, if the quantity is small (no more than one mouthful), rinse the mouth with water, administer activated medical charcoal and consult a doctor. Consult a doctor and show him the label. If swallowed accidentally, do not allow to drink, do not induce vomiting and transfer to hospital immediately by ambulance. Show the label to the doctor.

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#### 5. FIRE FIGHTING MEASURES

Not relevant.

**Hazchem Code:** 2X

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#### 6. ACCIDENTAL RELEASE MEASURES

**Personal precautions:**

Avoid inhaling the vapours. Avoid any contact with the skin and eyes. Consult the safety measures listed under headings 7 and 8.

**Environmental precautions:**

Contain and control the leaks or spills with non-combustible absorbent materials such as sand, earth, vermiculite, diatomaceous earth in drums for waste disposal. Prevent any material from entering drains or waterways. Use drums to dispose of waste recovered in accordance with applicable regulations (see heading 13). If the product contaminates waterways, rivers or drains, alert the relevant authorities in accordance with statutory procedures

**Methods for cleaning up:**

Clean preferably with a detergent, do not use solvents.

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#### 7. HANDLING AND STORAGE

The regulations relating to storage premises apply to workshops where the product is handled.

**Handling:**

Handle in well-ventilated areas.

**Fire prevention:**

Prevent access by unauthorised personnel.

**Recommended equipment and procedures:**

For personal safety, see §8. Observe precautions stated on label and also industrial safety regulations Avoid inhaling vapors. Product must not come into contact with the skin and eyes Provide safety showers and eye washes in workshops where the product is handled constantly

**Prohibited equipment and procedures:**

Smoking, eating and drinking are prohibited in premises where the preparation is used. Never open the packages under pressure.

**Storage:**

Keep the container tightly closed in a dry, well-ventilated place. Keep away from food and drink, including those for animals.

**8. EXPOSURE CONTROLS / PERSONAL PROTECTION**

Wear suitable protective clothing, gloves and eye/face protection. Anyone with a history of skin sensitisation must on no account handle such products.

**Exposure limit values per NOHSC:1003(1995)**

CAS No:	TWA	STEL	Carcinogen Category	Notices	Reference
1314-13-2	5 mg/m <sup>3</sup>	10 mg/m <sup>3</sup>	-	-	H
1305-62-0	5 mg/m <sup>3</sup>	-	-	-	H

**Respiratory protection:**

With this preparation, avoid in particular any inhalation of vapours.

**Hand protection:**

Protective creams may be used for exposed skin, but they should not be applied after contact with the product. Where there is a risk of contact with the hands, suitable gloves must be used.

**Eye and face protection:**

Avoid contact with the skin and eyes. Provide personnel with gloves, face masks and safety goggles. Provide eye washes in workshops where the product is constantly handled.

**Skin protection:**

Wear suitable protective clothing, in particular an apron and boots. These items must be kept in good condition and cleaned after use. For further information, see § 11 of S.D.S. - Toxicological information.

**9. PHYSICAL AND CHEMICAL PROPERTIES****General information:**

Physical state: fluid liquid

**Important health, safety and environmental information:**

pH of the substance or preparation: not relevant.

The pH is impossible to measure or its value is not relevant.

Boiling point/boiling range: not relevant.

Flash point interval: not relevant.

vapour pressure: Below 110 kPa (1.10 bar).

Density: = 1

water solubility: Insoluble.

**Other information:**

melting point/melting range: not relevant.

Self-ignition temperature: not relevant.

Decomposition point/decomposition range: not relevant.

**10. STABILITY AND REACTIVITY**

The preparation is stable at the handling and storage conditions recommended per § 7 of the safety data sheet.

## 11. TOXICOLOGICAL INFORMATION

No data is available regarding the preparation itself.

It is generally agreed that substances contained are likely to cause tissue damage in less than four hours after application to the healthy, unbroken skin of an animal.

## 12. ECOLOGICAL INFORMATION

No ecological data on the product itself is available. The product must not be allowed to run into drains or waterways.

### Ecotoxicity:

Toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment.

### In accordance with Directive 2006/8/EC:

CAS	EC	Name	LC50 (for fish) 96h	CE50 (for daphnia) 48h
1314-13-2		ZINC OXIDE	-	CE50 > 0.1

## 13. DISPOSAL CONSIDERATIONS

Do not pour into drains or waterways.

### Waste:

Recycle or dispose of waste in compliance with current legislation, preferably via a certified collector or company. Do not contaminate the ground or water with waste, do not dispose of waste into the environment.

### Soiled packaging:

Empty container completely. Keep label(s) on container. Give to a certified disposal contractor.

## 14. TRANSPORT INFORMATION

Transport product in compliance with provisions of the ADG CODE for road and rail, IMDG for sea and ICAO/IATA for air transport (ADGC (6<sup>th</sup> Ed) - IMDG 2006 - ICAO/IATA 2007).

UN1760=CORROSIVE LIQUID, N.O.S. (calcium hydroxide)

ADGC	Class	Code	Pack'g	Hazchem Group	Code	Special Prov'n	Pack'g Method
	8		C9	III	2X	SP109 SP185 SP274	3.8.8



IMDG	Class	2°Label	Pack gr.	LQ	EMS	Provis.
	8	-	III	5 L	F-A,S-B	223 274 944

  

IATA	Class	2°Label	Pack gr.	Passager	Passager	Cargo	Cargo	note
	8	-	III	818	5 L	820	60 L	A3
	8	-	III	Y818	1 L	-	-	-

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## 15. REGULATORY INFORMATION

Regulated as an included medical device class IIa. Included on the Australian Register of Therapeutic Goods, AUST I 123850

Hazard classification according to Approved Criteria for Classifying Hazardous Substances [NOHSC:1008(2004)] 3<sup>rd</sup> Edition and the Australian Code for the Transport of Dangerous Goods by Road and Rail (6<sup>th</sup> Edition)

Exposure limits according to "Adopted National Exposure Standards for Atmospheric Contaminants in the Occupational Environment [NOHSC:1003(1995)]"

M.S.D.S prepared in accordance with the National Code of Practice for the Preparation of Material Safety Data Sheets, 2<sup>nd</sup> Edition [NOHSC:2011(2003)]

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## 16. OTHER INFORMATION

Since the user's working conditions are not known by us, the information supplied on this safety data sheet is based on our current level of knowledge and on national and community regulations.

The product must not be used for any purposes other than those specified under heading 1 without first obtaining written handling instructions. It is at all times the responsibility of the user to take all necessary measures to comply with legal requirements and local regulations.

The information given on this safety data sheet must be regarded as a description of the safety requirements relating to our product and not a guarantee of its properties.

### Full text of risk phrases appearing in section 2:

R 20/21/22	Harmful by inhalation, in contact with skin and if swallowed
R34	Causes burns.
R 50/53	Very toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment