

MATERIAL SAFETY DATA SHEET

1. INTRODUCTORY AND COMPANY DETAILS

Product Name: ENDOPEROX POWDER
Other Names: n/a
Recommended Use: For use in dentistry for the bleaching of depulped teeth.

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)

Risk Phrases: R34 – Causes burns

Safety Phrases:

- S3 Keep in a cool place.
- S9 Keep container in a well-ventilated place.
- S26 In case of contact with eyes, rinse immediately with plenty of water and seek medical advice.
- S28 After contact with skin, wash immediately with plenty of ... (to be specified by the manufacturer).
- S36 Wear suitable protective clothing.
- S37 Wear suitable gloves. Wear protective gloves when mixing or using. Avoid contact with skin.
- S39 Wear eye/face protection. Attacks eyes – protect eyes when using.

3. COMPOSITION / INFORMATION ON INGREDIENTS

Chemical Identity of Ingredients:

CAS	EC	Name	Symb.	R:	%
124-43-6	204-701-4	UREA HYDROGEN PEROXIDE (CARBAMIDE PEROXIDE)	C	34	> 60

4. FIRST AID MEASURES

For advice, contact a Poisons Information Centre (Australia: 13 1126, New Zealand: 0800 764 766) or a doctor at once.

In the event of splashes or contact with eyes:

If in eyes, hold eyelids apart and flush the eye continuously with running water. Continue flushing until advised to stop by the Poisons Information Centre or a doctor, or for at least 15 minutes.

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

If skin or hair contact occurs, remove contaminated clothing and flush skin and hair with running water.

In the event of swallowing:

If swallowed, do NOT induce vomiting. Immediately give a glass of water. Urgent Hospital treatment is likely to be needed. Show the label to the doctor.

5. FIRE FIGHTING MEASURES

Suitable extinguishing agents: CO₂, powder or water spray. Fight larger fires with water spray or alcohol resistant foam.

Protective equipment: Full protective clothing.

Hazchem Code: 2W

6. ACCIDENTAL RELEASE MEASURES

Person-related safety precautions:

Wear protective equipment. Keep unprotected persons away.

Measures for environmental protection:

Do not allow to enter sewers/ surface or ground water.

Measures for cleaning/collecting:

Use neutralizing agent. Dispose contaminated material as waste according to item 13. Ensure adequate ventilation.

7. HANDLING AND STORAGE

Handling:

Information for safe handling:

Thorough dedusting.

Information about fire - and explosion protection:

No special measures required.

Storage:

Requirements to be met by storerooms and receptacles:

No special requirements.

Information about storage in one common storage facility:

Not required.

Further information about storage conditions:

Keep container tightly sealed.

8. EXPOSURE CONTROLS / PERSONAL PROTECTION

Additional information about design of technical facilities:

No further data; see item 7.

Ingredients with limit values that require monitoring at the workplace:

Not required.

Additional information:

The lists valid during the making were used as basis.

Personal protective equipment:**General protective and hygienic measures:**

Keep away from foodstuffs, beverages and feed. Immediately remove all soiled and contaminated clothing Wash hands before breaks and at the end of work. Avoid contact with the eyes and skin.

Respiratory protection:

Not required.

Protection of hands:

Protective rubber gloves

Eye protection:

Tightly sealed goggles

9. PHYSICAL AND CHEMICAL PROPERTIES

General Information

Form:	Powder
Colour:	White
Odour:	Characteristic

Change in condition

Melting point/Melting range:	85-90 (Z)°C
Boiling point/Boiling range:	Undetermined.
Flash point:	Not applicable.
Flammability (solid, gaseous):	Product is not flammable.
Danger of explosion:	Product does not present an explosion hazard.
Density at 20°C:	0.7 g/cm ³
Solubility in / Miscibility with water at 20°C:	800 g/l
Organic solvents:	0.0 %
Solids content:	100.0 %

10. STABILITY AND REACTIVITY

Thermal decomposition / conditions to be avoided:

No decomposition if used according to specifications.

Dangerous reactions:

No dangerous reactions known.

Dangerous decomposition products:

No dangerous decomposition products known.

11. TOXICOLOGICAL INFORMATION

Acute toxicity:**Primary irritant effect:**

on the skin: Caustic effect on skin and mucous membranes.

on the eye: Strong caustic effect.

Sensitization: No sensitizing effects known.

Additional toxicological information:

Swallowing will lead to a strong caustic effect on mouth and throat and to the danger of perforation of oesophagus and stomach.

12. ECOLOGICAL INFORMATION

General notes:

Hazardous for water. Do not allow product to reach ground water, water course or sewage system. Must not reach sewage water or drainage ditch undiluted or unneutralized. Danger to drinking water if even small quantities leak into the ground.

13. DISPOSAL CONSIDERATIONS

Product:

Recommendation:

Must not be disposed together with household garbage. Do not allow product to reach sewage system.

Uncleaned packaging:

Recommendation:

Disposal must be made according to official regulations.

Recommended cleansing agents:

Water, if necessary together with cleansing agents.

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 (6th Ed) - IMDG 2006 - ICAO/IATA 2007).

UN Number: 1511=UREA HYDROGEN PEROXIDE

ADGC

Class	Code	Pack'g Group	Hazchem Code	Special Prov'n	Pack'g Method	Proper Shipping Name
5.1	8	III	2W	-	3.8.5.1	UREA HYDROGEN PEROXIDE



IMDG

Class	Code	Pack gr.	EMS	Proper Shipping Name
5.1	8	III	F-A,S-Q	UREA HYDROGEN PEROXIDE



IATA

Class	Code	Pack gr.	Proper Shipping Name
5.1	8	III	UREA HYDROGEN PEROXIDE



15. REGULATORY INFORMATION

Regulated as an excluded therapeutic good under the Therapeutic Goods (Excluded Goods) Order No.1 of 2008
Poisons information and first aid in accordance with Poisons Standard 2010 (SUSMP)

Hazard classification according to Approved Criteria for Classifying Hazardous Substances
[NOHSC:1008(2004)] 3rd Edition and the Australian Code for the Transport of Dangerous Goods by Road and
Rail (6th 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, 2nd Edition [NOHSC:2011(2003)]

16. OTHER INFORMATION

This information is based on our present knowledge. However, this shall not constitute a guarantee for any
specific product features and shall not establish a legally valid contractual relationship.

Relevant R-phrases

34 Causes burns.