

Product **Odontobleach**

Product Code **OBL25**

Last Revision October 2013

Version 2

COMPANY DETAILS

COMPANY NAME: ADM – Australian Dental Manufacturing
ABN: 63 010 967 432

ADDRESS: 25 Billabong Street
Kenmore Hills
QLD 4069

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EMERGENCY TELEPHONE NUMBER: 131 126

PRODUCT INFORMATION

PRODUCT NAME: Odontobleach

Other Names	None
UN Number	None Allocated
Dangerous Goods Class	None Allocated
Sub Risk Class	Nil
Hazchem Code	None Allocated
Poison Schedule	S4
Product Use	Root Canal Medicament
Pack Size	25 gram tub

COMPOSITION

Chemical Composition	CAS number	Proportion
HAZARDOUS INGREDIENTS:		
Sodium Perborate	10332-33-9	99%

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PHYSICAL AND CHEMICAL DATA

APPEARANCE:	White crystalline powder
ODOUR:	None
MELTING POINT:	Not Relevant
BOILING POINT:	Not Relevant
VAPOUR PRESSURE:	Not Relevant
SPECIFIC GRAVITY:	Not Relevant
FLASH POINT:	Not Flammable
CORROSIVENESS:	Mildly Corrosive
SOLUBILITY:	Soluble in Water, 12g/L @20°C
PH:	3% solution 9.5-10.5
DECOMPOSITION TEMPERATURE	Self-accelerating decomposition with oxygen release starting from 50°C

ACUTE EFFECTS

INGESTION:	Small amounts of paste ingested might result in some irritation to the mucosa or gastrointestinal tract. Ingestion of the complete contents within the tub may cause more severe internal burning of the mucous membranes, gastrointestinal tract and respiratory tract. It may result in vomiting and diarrhea.
EYE:	May cause ulceration of the eyes.
SKIN:	No expected irritation if exposure is minimal. Contact with large amounts may cause irritation and burning of the dermis.
INHALED:	Irritating to the respiratory tract. Coughing, sneezing, difficulty breathing and sore throat
CHRONIC EFFECTS	Chronic toxicity from Odontobleach is unlikely due to the small amounts used however continued exposure to Odontobleach may affect the gastrointestinal system if amount is over 1,000mg/kg through the oral route.

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FIRST AID

INGESTION:

- If swallowed, immediately give copious quantities of water. Don't induce vomiting. If vomiting occurs, ensure person's airway is clear and that no aspiration has occurred.
- Never give anything by mouth to an unconscious person.
- Call a Physician if symptoms persist.

EYE:

- Irrigate the eye with copious amounts of water for 15 minutes. Seek medical assistance if symptoms persist.

SKIN:

- Wash skin with large amounts of water until no evidence of product remains.

INHALED:

- Remove from dusty environment.

EXPOSURE CONTROLS/PERSONAL PROTECTION

When used as per instructions no specific precautions are necessary other than ensure that adequate personal protection is worn such as gloves, masks and safety glasses.

COMBUSTIBILITY

FIRE HAZARD & EXPLOSION:

- Contact with combustible material may cause fire.

Suitable Extinguishing media

- Water, Water Spray

Special exposure hazards in fire

- Oxidising
- Oxygen released in thermal decomposition may support combustion

Hazardous decomposition products

- Oxygen

Other information

- Keep product and empty container away from heat and sources of ignition.

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ACCIDENTAL RELEASE MEASURES

- Avoid accidents, clean up immediately.
- Wear protective equipment to prevent skin and eye contact.
- Wipe up small spills with paper toweling and dispose to bin. Prevent runoff to drains leading to waterways.
- Wash contaminated area liberally with water.
- Disposal of waste must be in accordance with the Local Waste Disposal Authority.

HANDLING & STORAGE

- Product to be handled only by qualified staff in dental offices/laboratories.
- See product instructions for safe use
- Store in a cool dry place out of direct sunlight.
- Store away from incompatible agents agents.
- Avoid contact with skins and eyes.
- Keep tube closed at all times.
- Do not store together with food.
- Keep out of the reach of children.

STABILITY & REACTIVITY

REACTIVITY: Stable at normal temperatures and pressure.
CONDITIONS TO AVOID: Avoid contact with incompatible materials.

TOXICOLOGICAL INFORMATION

Acute Toxicity (Oral):	Odontobleach LD50 in a rat model 700-2100mg/kg in body weight.
Acute Inhalation Toxicity	Odontobleach LC50 in a rat model of 1.164mg/L
Acute Dermal Irritation	Odontobleach LD50 in a rabbit model was > 2000mg/kg
Eye Irritation	Odontobleach in a rabbit model caused severe eye irritation
Sensitisation	Odontobleach in a guinea pig model did not cause sensitisation
Chronic Toxicity	Odontobleach targets the GIT if taken orally NOEL: >1000mg/kg and targets the respiratory system if inhaled: NOEL >21mg/m ³
Genotoxicity	Odontobleach has demonstrated mild genotoxicity effects at large doses.
Teratogenicity	Odontobleach did not demonstrate and teratogenic effects on animals.

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ECOLOGICAL INFORMATION

NOT AVAILABLE

DISPOSAL CONSIDERATIONS

Dispose containers thoughtfully to landfill.

TRANSPORT INFORMATION

UN NUMBER: 3377
DANGEROUS GOODS CLASS: 5.1
SUB RISK CLASS: Oxidising agent
HAZCHEM CODE: None Allocated
PACKAGING GROUP III

When shipping ensure product is kept away from incompatible materials.

REGULATORY INFORMATION

From information available, this Product is not classified using the criteria of NOHSC.

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CONTACT POINT

CONTACT: Business Hours: 07 38781901
Mobile: 0419665074
Emergency 131 126

This MSDS summarises our best knowledge of the health and safety hazard information of this Product and how to safely handle and use the product in the workplace.

Each user should read this MSDS and consider the information in the context of how the Product will be handled and used in the workplace including its use in conjunction with other products. If clarification of any term in this MSDS or further information is required to ensure safe use of this Product can be made the user should contact ADM – Australian Dental Manufacturing

OTHER INFORMATION

This MSDS is prepared with consideration of the document “National Code of Practice for the Preparation of Material Safety Data Sheets”, 2nd Edition [NOHSC:2011(2003)], Worksafe Australia.

Contact Points: Australia

Police & Fire: 000
National Poisons Information Centre: 131126 (anywhere in Australia)

READ LABEL CAREFULLY BEFORE USING PRODUCT

END OF MSDS