



MATERIAL SAFETY DATA SHEETS

White King Oxy-Lift Booster**Version: 1****Issued: 1st February 2011****Page 1 of 6**

CLASSIFICATION OF MATERIAL

Classified as hazardous according to criteria of the National Occupational Health and Safety Commission (Australia)

1. IDENTIFICATION OF THE MATERIAL AND SUPPLIER

- 1.1 **Product:** White King Oxy-Lift Booster
1.2 **UN Proper Shipping Name:** Not Applicable
1.3 **Recommended Use:** Laundry soaker.
1.4 **Supplier:** Pental Products Pty Ltd
1.5 **A.B.N:** 68 103 213 467
1.6 **Address:** 48 Drummond Road, Shepparton, Victoria, 3630
1.7 **Telephone Number:** (03) 5820 5200 (Australia).
1.8 **Facsimile:** (03) 5820 5221 (Australia).
1.9 **Emergency Telephone Numbers:** (03) 5820 5200 (Australia: Weekdays 8.00am to 5.00pm)
Poisons Information Centre Australia: 13 1126
Poisons Information Centre New Zealand: 0800 764 766

2. HAZARDS IDENTIFICATION

- 2.1 **Hazard Classification:** Hazardous Substance. Non-Dangerous Goods
2.2 **Risk Phrase(s):** R36/38 Irritating to eyes and skin.
2.3 **Safety Phrases:** S2 Keep out of reach of children.
S22 Do not breathe dust.
S24/25 Avoid contact with skin and eyes.
S26 In case of contact with eyes, rinse immediately with plenty of water and seek medical advice.
S36/37/39 Wear suitable protective clothing, gloves and eye/face protection.

3. COMPOSITION / INFORMATION ON INGREDIENTS

Chemical Name	CAS Number	Proportion %
Sodium Percarbonate	15630-89-4	30 - 60
Sodium Carbonate	497-19-8	10 - 30
Sodium Metasilicate, pentahydrate	10213-79-3	1 - 10
Ingredients determined not to be hazardous	-	Balance

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4. FIRST AID MEASURES

4.1 Description of Necessary First Aid Measures

Ingestion:	Do not induce vomiting. Wash out mouth with water. Obtain medical attention.
Eye:	Immediately hold the eyes open and wash with fresh running water. Take care not to rinse contaminated water into non-affected eye. Ensure complete irrigation of the eye by keeping the eyelids apart and away from the eye and moving the eyelids by occasionally lifting the upper and lower lids. Continue flushing until advised to stop by the Poisons Information Centre or a doctor, or at least 15 minutes. Obtain medical attention.
Skin:	Remove any contaminated clothing. Wash off skin with running water. If irritation develops or persists, obtain medical attention.
Inhalation:	Remove from source of exposure. If trained personnel available, administer oxygen if breathing is difficult. If irritation develops and persists, seek medical attention.

4.2 Medical Attention and Special Treatment

First Aid Facilities:	An eye wash fountain, safety shower and a general washing facility should be available immediately adjacent to the work area.
Comments:	Treat according to person's condition and specifics of exposure.
Advice to Doctor:	Treat symptomatically.

5. FIRE FIGHTING MEASURES

5.1 Suitable Extinguishing Media:	Use extinguishing media suitable for the surrounding environment. Water can be used to cool fire exposed containers.
5.2 Hazards From Combustion Products:	Non-flammable, however inorganic oxidants release oxygen upon heating and may contribute to the combustion process.
5.3 Special Protective Precautions and Equipment For Fire Fighters:	Determine the need to evacuate or isolate the area according to your local emergency plan. Self-containing breathing apparatus and protective clothing should be worn in fighting large fires involving chemicals.
5.4 Hazchem Code:	Not applicable.

6. ACCIDENTAL RELEASE MEASURES

6.1 Emergency Procedures:	Determine whether to evacuate or isolate the area according to your local emergency plan. Remove all sources of heat. Avoid skin and eye contact. Do not allow large quantities to enter drains or surface waters.
6.2 Methods and Materials for Containment and Clean Up:	Observe all personal protective equipment recommendations described in this MSDS. Avoid generating dusts. Ventilate area. If possible, wet down area to prevent high dust levels. If available, use dustless methods, such as HEPA vacuum and filter. Otherwise, use a non-sparking shovel and place into suitably labelled plastic container for disposal. Do not dry sweep. Laws and regulations may apply to releases and disposal of this material. You will need to determine which laws and regulations are applicable.

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7. HANDLING AND STORAGE

- 7.1 Precautions for Safe Handling:** Use with adequate ventilation. Prevent build up of vapours or dust. Avoid breathing dust. Avoid eye contact. Avoid prolonged contact with the skin. Do not take internally. Exercise good industrial hygiene practice. Wash after handling, especially before eating, drinking or smoking.
- 7.2 Conditions for Safe Storage:** Store in a cool, dry, well ventilated area. Avoid exposure to moisture, heat or direct sunlight. Store away from reducing agents and acids. Keep containers tightly closed, when not using product. Store in original packages, as approved by manufacturer. Do not return unused product to original container.

8. EXPOSURE CONTROLS / PERSONAL PROTECTION

- 8.1 National Exposure Standards:** No value is assigned for this specific material by the National Occupational Health and Safety Commission (Australia).
- 8.2 Biological Limit Values:** No biological limit allocated.
- 8.3 Engineering Controls:** General ventilation is recommended. If dust cannot be controlled by use of ventilation, personal respiratory equipment should be employed.
- 8.4 Personal Protective Equipment:**
- Respiratory** Domestic quantities require no special equipment with normal careful use. Avoid breathing dusts. When handling bulk quantities. Avoid breathing dusts or vapours. Where ventilation is inadequate and dusts or vapours are generated, respiratory protective equipment should be used suitable for protecting against airborne contaminants. Reference should be made to Australian Standards: AS/NZS 1715 Selection, use and maintenance of respiratory protective devices; and AS/NZS 1716 Respiratory protective devices.
- Eye** Wear safety glasses or goggles or face shield. Do not wear contact lenses. Ensure eyewash is available. Eye protection should conform with AS/NZS 1337 Eye protectors for industrial applications.
- Skin** Wear gloves of impervious material. Refer to AS/NZS 2161.1 Occupational protective gloves – Selection use and maintenance.
- Wear appropriate clothing, including a chemical resistant apron, where clothing is likely to be contaminated.

9. PHYSICAL AND CHEMICAL PROPERTIES

- 9.1 Physical Description / Properties**
- Appearance:** White, free-flowing powder.
- Odour:** Characteristic odour.
- pH:** 10.0 – 11.0 (1% Solution)
- Viscosity (cP @ 25°C):** Not applicable
- Vapor Pressure:** Not available
- Vapor Density:** Not available

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Boiling Point (°C):	Not available
Freezing Point (°C):	Not available
Melting Point (°C):	Not available
Solubility In Water (g/100 mL):	Miscible
Specific Gravity (@ 25°C):	Not available
Flash Point (°C):	Not applicable
Flammability	Non flammable and non-combustible
Lower Explosive Limit (%):	Not available
Upper Explosive Limit (%):	Not available
Autoignition Temp (°C):	Not available
Decomposition Temp (°C):	Not available

10. STABILITY AND REACTIVITY

10.1	Chemical Stability:	The product is stable under normal ambient conditions of temperature and pressure.
10.2	Conditions To Avoid:	Moisture, direct heat, sunlight and contamination.
10.3	Incompatible Materials:	Acids and reducing agents.
10.4	Hazardous Decomposition Products:	May include oxygen and oxides of carbon (carbon monoxide and carbon dioxide).
10.5	Hazardous Reactions:	Hazardous polymerisation will not occur.

11. TOXICOLOGICAL INFORMATION

11.1 **Likely Route of Exposure:** Inhalation Skin contact Ingestion

11.2 **Health Effects From Likely Route of Exposure:**

Acute

Ingestion:	Low ingestion hazard in normal use. Considered an unlikely route of entry in commercial/industrial environments. Ingestion of large quantities will cause pain and a burning sensation in the mouth, throat and gastrointestinal system. Symptoms may include nausea, vomiting and diarrhoea. If ingested, decomposition of sodium percarbonate may occur in the stomach, leading to production of oxygen gas. This may cause distension of the stomach. Bleeding may occur.
Eye:	Irritant. Direct contact will produce irritation to the eye causing lacrimation, inflammation, pain and redness. Repeated or prolonged exposure to irritants may produce corneal damage or conjunctivitis.
Skin:	Irritant. Will cause irritation to the skin, resulting in redness and itching. The material may accentuate pre-existing skin conditions.
Inhalation:	May cause irritation to the mucous membranes and upper airways. Symptoms of exposure may include coughing, sneezing and breathing difficulties.

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Chronic

Ingestion: Repeated ingestion or swallowing large amounts may injure internally.

Skin: The material may cause skin irritation after prolonged or repeated exposure in susceptible individuals and may produce a contact dermatitis (non-allergic). This form of dermatitis is often characterised by skin redness (erythema) and swelling epidermis.

Inhalation: Intentional misuse by concentrating/inhaling contents may be injurious to health or lethal.

11.3 Other Information: No known applicable information.

12. ECOLOGICAL INFORMATION

12.1 Ecotoxicity: No information available.

Bioaccumulation: No information available.

12.2 Environmental Fate and Distribution: No information available.

12.3 Fate and Effects in Waste Water Treatment Plants: No information available.

13. DISPOSAL CONSIDERATIONS

13.1 Disposal Method: Single unit: Empty container (keep separate from other wastes). Rinse container, remove or obliterate labelling before sending to landfill or recycler.
Large amounts: Reclaim or dispose of in accordance with local, state and federal regulations.

13.2 Special Precautions for Landfill or Incineration: None known.

14. TRANSPORTATION INFORMATION

14.1 UN Number: Not applicable.

14.2 UN Proper Shipping Name: Not applicable.

14.3 Dangerous Goods Class: Not applicable.

Packing Group: Not applicable.

14.4 Special Precautions for User: Not applicable.

14.5 HAZCHEM Code: Not applicable.

Additional Shipping Information: Not applicable.

15. REGULATORY INFORMATION

15.1 SUSDP Poisons Schedule: S5.

15.2 Prohibition / Licensing Requirements: There are no applicable prohibition or notification / licensing requirements, including for carcinogens under Commonwealth, State or Territory legislation.

15.3 Industrial Chemicals (Notification and Assessment) Act 1989: All ingredients are listed on or exempt from the *Australia Inventory of Chemical Substances (AICS)*.

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16. OTHER INFORMATION

- 16.1 Issue Date:** 1st February 2011
- 16.2 Contact Points:**
- Title / Position:** Research & Development Manager
- Telephone:** (03) 5820 5204 (Australia: Weekdays 8.00am to 5.00pm)
- E-mail:** enquiries@pental.com.au
- 16.3 After Hours Emergency Medical Assistance:** Poisons Information Centre
- Telephone:** Australia: 13 1126
New Zealand: 0800 764 766

Disclaimer:

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