

# MATERIAL SAFETY DATA SHEET

## SECTION 1 – STATEMENT OF HAZARDOUS NATURE, CHEMICAL PRODUCT AND COMPANY IDENTIFICATION

This product is **NOT classified as HAZARDOUS** according to criteria of the National Occupational Health and Safety Commission Australia. **NOT classed as DANGEROUS GOODS** according to the Australian Dangerous Goods (ADG) Code. **NOT a SCHEDULED POISON.**

**SUPPLIER:** WONDER PRODUCTS

**ABN:**

**ADDRESS:**

**TELEPHONE:** (07) 54935801

**AH EMERGENCY TELEPHONE:** 13 1126 in Australia.

**FAX:**

**Substance:** Cleaning tablets.

**Trade Name:** "ODOUR-B-GONE"

**Product Use:** Additive tablets for portable toilets.

**Product Code:**

**Creation Date:** AUGUST 2005

**Revision Date:**

## SECTION 2 – COMPOSITION AND INFORMATION ON INGREDIENTS

Ingredients:	CAS Number:	Proportion:	Exposure Standards TWA	Exposure Standards STEL
Sodium carbonate peroxyhydrate	15630-89-4	10 – 30 % w/w	10 mg/m <sup>3</sup> - inspirable dust	not set
Ingredients determined to be non-hazardous	Various	> 60% w/w	not set	not set

The TWA exposure value is the Time Weighted Average airborne concentration of a particular substance when calculated over a normal 8 hour working day for a 5 day working week.

The STEL (Short Term Exposure Limit) is an exposure value that should not be exceeded for more than 15 minutes and should not be repeated for more than 4 times per day. There should be at least 60 minutes between successive exposures at the STEL. The term "peak" is used when the TWA limit, because of the rapid action of the substance, should never be exceeded, even briefly.

## SECTION 3 – HAZARDS IDENTIFICATION

**Approved Criteria Classification (calculated)** none allocated

**UN Number** none allocated

**ADG Classification** none allocated

**Shipping Name** none allocated

**ADG Subsidiary Risk** none allocated

**Packing Group** none allocated

**Hazchem Code** none allocated

**SUSDP Classification** none allocated

## EMERGENCY OVERVIEW

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<b>Colour</b>	Uniform white
<b>Physical Description</b>	cylindrical tablets
<b>Odour</b>	faint odour.
<b>Major Health Hazards</b>	Skin irritation, eye irritation.

## POTENTIAL HEALTH EFFECTS

<b>Inhalation</b>	
<b>short term exposure</b>	No dust generally associated with tablet form of the product. Exposure to generated dusts of this product may cause slight nose and throat irritation.
<b>long term exposure</b>	No dust generally associated with tablet form of the product. In case of repeated or prolonged term exposure to generated dust, risk of sore throat, nose bleeds, bronchitis.
<b>Skin contact</b>	
<b>short term exposure</b>	Skin contact with this product containing ingredient SODIUM PERCARBONATE may cause slight irritation.
<b>long term exposure</b>	Prolonged skin contact with this product containing ingredient SODIUM PERCARBONATE may induce eczematoid dermatitis.
<b>Eye contact</b>	
<b>short term exposure</b>	This product containing ingredient Sodium percarbonate may cause moderate/severe eye irritation, watering, redness; can cause burns to the eyes.
<b>long term exposure</b>	Not known.
<b>Ingestion</b>	
<b>short term exposure</b>	This product containing ingredient Sodium percarbonate may cause irritation of the mouth, throat, esophagus and stomach, bloating of stomach, belching, nausea and vomiting.
<b>long term exposure</b>	Not known.
<b>Carcinogen Status</b>	
<b>NOHSC</b>	No significant ingredient is classified as carcinogenic by NOHSC.
<b>NTP</b>	No significant ingredient is classified as carcinogenic by NTP.
<b>IARC</b>	No significant ingredient is classified as carcinogenic by IARC.

## SECTION 4 – FIRST AID MEASURES

<b>Scheduled Poisons</b>	Poisons Information Centre in each Australian State capital city or in Christchurch, New Zealand can provide additional assistance for scheduled poisons. (Phone Australia 131126 or New Zealand 03 474 7000).
<b>First Aid Facilities Required</b>	Normal washroom facilities.
<b>Inhalation</b>	Remove victim to fresh air away from exposure - avoid becoming a casualty. Remove contaminated clothing and loosen remaining clothing. Allow patient to assume most comfortable position, keep warm and to rest. If breathing laboured and patient cyanotic (blue), ensure airways are clear and have qualified person give oxygen through a face mask. If breathing has stopped apply artificial respiration at once. Seek immediate medical advice (e.g. doctor).

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<b>Skin contact</b>	Immediately wash contaminated skin with plenty of soap and water. Remove contaminated clothing and wash before re-use. Seek medical advice (e.g. doctor) if irritation, burning or redness persists.
<b>Eye contact</b>	Immediately irrigate with copious quantities of water for at least 20 minutes. Eyelids to be held open. Remove clothing if contaminated and wash skin. Immediately seek medical advice (e.g. ophthalmologist) even if there are no visible injuries.
<b>Ingestion</b>	Do NOT induce vomiting. Do NOT attempt to give anything by mouth to an unconscious person. Rinse mouth thoroughly with water immediately. Give water to drink. If vomiting occurs, give further water to achieve effective dilution. Seek medical advice (e.g. doctor) immediately. If quantity is significant transport to hospital.
<b>Advice to Doctor</b>	No specific antidote. Treat symptomatically. All treatments should be based on observed signs and symptoms of distress of the patient. Poisons Information Centre in each Australian State capital city or in Christchurch, New Zealand can provide additional assistance for scheduled poisons.

## SECTION 5 – FIRE FIGHTING MEASURES

<b>Fire and Explosion Hazards</b>	Non flammable. Oxidiser. <ul style="list-style-type: none"><li>• Oxygen released on exothermic decomposition may support combustion in case of surrounding fire.</li><li>• Pressure burst may occur due to decomposition in confined spaces/containers.</li><li>• Wet product decomposes exothermally and may cause combustion of organic materials.</li></ul>
<b>Extinguishing Media</b>	Carbon Dioxide, foam, dry powder, water, water spray.
<b>Fire Fighting</b>	Keep containers exposed to extreme heat cool with water spray. Fire fighters to wear self-contained breathing apparatus if risk of exposure to products of combustion or decomposition.
<b>Flash Point</b>	None

## SECTION 6 – ACCIDENTAL RELEASE MEASURES

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## Occupational Release

Minor spills do not normally need any special clean-up measures. In the event of a major spill, prevent spillage from entering drains or water courses. Wear appropriate protective equipment as in section 8 below to prevent skin and eye contamination and inhalation of vapours or dusts. Collect the product with suitable means (shovel or sweep) avoiding dust formation, which then can be put into appropriately labelled drums for disposal by an approved agent according to local conditions. Flush spill area with water. Residual deposits will remain slippery. If contamination of sewers or waterways has occurred advise the local emergency services. In the event of a spillage notify the local environment protection authority or emergency services.

## SECTION 7 – HANDLING AND STORAGE

### Handling

Avoid contact with incompatible materials. When handling, DO NOT eat, drink or smoke. Keep containers closed at all times. Avoid physical damage to containers. Always wash hands with water after handling.

### Storage

Store in a cool, dry, place with good ventilation. Avoid storing in aluminium and light alloy containers. Store away from incompatible materials (Section 10). Keep containers closed at all times – check regularly for leaks.

## SECTION 8 – EXPOSURE CONTROLS AND PERSONAL PROTECTION

### Exposure Limits

National Occupational Exposure Limits, as published by National Occupational Health & Safety Commission:

#### Time-weighted Average (TWA):

None established for product.

TWA for sodium percarbonate is 10 mg/m<sup>3</sup>.

#### Short Term Exposure Limit (STEL):

None established for product.

### Ventilation

Ensure ventilation is adequate to maintain air concentrations below exposure standards.

### Personal Protective Equipment

Use good occupational work practice. The use of protective clothing and equipment depends upon the degree and nature of exposure. The following protective equipment should be available;

### Eye Protection



Not normally required for single tablet use. The use of safety glasses with side shield protection is recommended to handle in quantity.

Contact lenses pose a special hazard ; soft lenses may absorb irritants and all lenses concentrate them.

### Skin Protection



Not normally required for dispensing individual tablets to a portable toilet. To handle in quantity, wear normal work clothes, boots and impervious gloves (as per AS/NZS 2161, or as recommended by supplier).

### Protective Material Types

Material suitable for alkali detergent contact – Butyl rubber, Natural Latex, Neoprene, PVC, and Nitrile.

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## Respirator



No respirator should be required under normal conditions of use in well-ventilated areas provided air concentrations are below exposure standards. For unknown concentrations, confined spaces, or situations immediately dangerous to life or health use self-contained breathing apparatus with a full face-mask.

## SECTION 9 – PHYSICAL AND CHEMICAL PROPERTIES

Physical State	Solid tablet
Colour	White
Odour	Faint odour.
Boiling Point	Not applicable – decomposition temperature > 50 °C.
Freezing Point	Not available.
Vapour Pressure	Not available.
Vapour Density	Not available.
Specific Gravity	Not available.
Water Solubility	Miscible in all proportions.
pH	10.4 – 10.6 in 1% aqueous solution.
Volatile Organic Compounds (VOC) Content	0 % v/v.
Per Cent Volatile	Ca 2 % v/v.
Viscosity	Not available.
Odour Threshold	Not available.
Evaporation Rate	Not available.
Coefficient of Water/Oil Distribution	Not available.

## SECTION 10 – STABILITY AND REACTIVITY

Reactivity	Stable at normal temperatures and pressure with slow gas release.
Conditions to Avoid	Avoid contact with heat or heat sources, and moisture.
Incompatibilities	<ul style="list-style-type: none"> <li>• Acids.</li> <li>• Bases.</li> <li>• Salts of heavy metals.</li> <li>• Reducing agents.</li> <li>• Organic materials.</li> <li>• Flammable substances.</li> </ul>
Hazardous Decomposition	Oxygen, decomposition releases steam and heat.

## SECTION 11 – TOXICOLOGICAL INFORMATION

### “ODOUR - B - GONE”

Local Effects	Irritant: skin, eye, inhalation (of dusts) and ingestion.
Target Organs	Skin, mucous membranes.

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## Classification of Hazardous Ingredients

Ingredients	R-Phrases.
Sodium peroxycarbonate	R8, R36/38.

## Individual Ingredient Information

### Sodium peroxycarbonate

<b>Irritation Data</b>	Dermal: LD50, rabbit, >2000 mg/kg. Irritation: • Rabbit, Severe damage (eyes). • Rabbit, Slight irritant (skin).
<b>Toxicity Data</b>	Oral: LD50, rat (combined sexes), 1034 mg/kg. Inhalation: LC50, 1 hour, rat, >4580 mg/m <sup>3</sup> .
<b>Local Effects</b>	Irritant: inhalation, skin, eye.
<b>Target Organs</b>	Skin, eyes, mucous membranes.
<b>Acute Toxicity Level</b>	Toxic: inhalation, dermal absorption, ingestion.
<b>Sensitisation Data</b>	No sensitization was noted when administered as a 75% w/v mixture during induction & as a 25% w/v mixture at challenge.
<b>Reproductive Effects Data</b>	No data.

## SECTION 12 – ECOLOGICAL INFORMATION

<b>Fish toxicity</b>	FOR SODIUM PERCARBONATE: • Fish, Pimephales promelas; LC50, 70.7 mg/L. • Fish, Pimephales promelas; NOEC, 96 hours, 1 mg/L. • Crustaceans, Daphnia pulex; EC50, 4.9 mg/L. • Crustaceans, Daphnia pulex; NOEC, 48 hours, 1 mg/L.
<b>Algae toxicity</b>	None available.
<b>Invertebrates toxicity</b>	None available.
<b>Toxicity to Bacteria</b>	None available.
<b>OECD Biological degradation</b>	Individual components stated to be biodegradable.
<b>General</b>	No single ingredient recognised as environmental pollutant. Product miscible in all proportions with water. As with any chemical product, do not discharge or dispose of in quantity into drains, waterways or environment. Inform local authorities if this occurs. Non-bioaccumulable.

## SECTION 13 – DISPOSAL CONSIDERATIONS

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Refer to State Land Waste Management Authority. Transfer product residues to a labelled, sealed container for disposal or recovery. Waste disposal must be by an accredited contractor. Do not put large quantities down the drain. Basic solution – neutralise before disposal if large volumes, otherwise dilute with large volumes of water.

## SECTION 14 – TRANSPORT INFORMATION

<b>UN Number</b>	none allocated
<b>ADG Code</b>	none allocated
<b>HAZCHEM Code</b>	none allocated
<b>Special Provisions</b>	none allocated
<b>Packing Group</b>	none allocated
<b>Packaging Method</b>	none allocated
<b>Segregation</b>	none allocated

## SECTION 15 – REGULATORY INFORMATION

<b>AICS</b>	All ingredients present on AICS.
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## SECTION 16 – OTHER INFORMATION

<b>Labelling Details</b>	none allocated
<b>SUSDP</b>	none allocated
<b>ADG Code</b>	none allocated
<b>Acronyms</b>	<p>SUSDP Standard for the Uniform Scheduling of Drugs and Poisons.</p> <p>ADG Code Australian Code for the Transport of Dangerous Goods by Road and Rail.</p> <p>CAS Chemical Abstracts Service Registry Number.</p> <p>Number</p> <p>UN Number United Nations Number.</p> <p>R-Phrases Risk Phrases.</p> <p>HAZCHEM An emergency action code of numbers and letters which gives information to emergency services.</p> <p>NOHSC National Occupational Health and Safety Commission.</p> <p>NTP National Toxicology Program (USA).</p> <p>IARC International Agency for Research on Cancer.</p> <p>AICS Australian Inventory of Chemical Substances.</p> <p>TWA Time Weighted Average</p> <p>STEL Short Term Exposure Limit</p>
<b>Literature References</b>	<p>List of Designated Hazardous Substances [NOHSC:10005(1999)]</p> <p>Australian Code For The Transport Of Dangerous Goods By Road And Rail – Sixth Edition.</p> <p>Standard for the Uniform Scheduling of Drugs and Poisons</p> <p>National Code of Practice for the Preparation of Material Safety Data Sheets 2nd Edition [NOHSC:2011(2003)]</p> <p>Material Safety Data Sheets – individual raw materials</p>

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<b>Issue Date</b>	AUGUST 2005.
<b>Supersedes Issue Date</b>	First Issue.
<b>Revision Information</b>	New Issue to standard : 2nd Edition [NOHSC:2011(2003)].

<b>Contact Point</b>	Regulatory Affairs Manager.
<b>Telephone</b>	(07) 54935801
<b>Note</b>	Safety Data Sheets are updated frequently. Please ensure that you have a current copy.

This MSDS summarises at the date of issue our best knowledge of the health and safety hazard information of this product, and in particular how to safely handle and use this product in the workplace. Since **WONDER PRODUCTS** cannot anticipate or control the conditions under which the product may be used, each user must, prior to usage, review this MSDS in the context of how the user intends to handle and use the product in the workplace.

If clarification or further information is needed to ensure that an appropriate assessment can be made, the user should contact this supplier.