

**Official  
Safety Data Sheet  
(SDS)**

This SDS version supersedes all previous MSDS for the specified product.



**Product:** WC250  
**Issue Date:** 2023 JAN  
**Issued by:** PRS  
**Version:** 1.80  
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**HAZARDOUS CHEMICAL, NON-DANGEROUS GOODS**

**1. MATERIAL AND SUPPLY COMPANY IDENTIFICATION**

**Product name: OXY BLEACH – BLEACHING & SANITIZING LAUNDRY POWDER NON-CHLORINATED**

**Synonyms**

		<b>Product Code</b>
OXY BLEACH –BLEACHING & SANITIZING LAUNDRY POWDER	1KG	WC250-1
OXY BLEACH - BLEACHING & SANITIZING LAUNDRY POWDER	5KG	WC250-5
OXY BLEACH - BLEACHING & SANITIZING LAUNDRY POWDER	10KG	WC250-10
OXY BLEACH - BLEACHING & SANITIZING LAUNDRY POWDER	20KG	WC250-20
OXY BLEACH - BLEACHING & SANITIZING LAUNDRY POWDER	200KG	WC250-200

**Recommended use:**

**Description:**

**OXY- BLEACH** is a free-flowing oxygen bleaching & sanitizing laundry powder suitable as a “safe”, mild bleach and disinfectant for all types of fabrics, including synthetics and colours. **OXY-BLEACH** is excellent for sanitizing clothes & linen and also bleaching and removal of tea, coffee, wine, food and other stains from fabrics. It is much safer than chlorinated bleaches for coloured fabrics and is suitable for bleaching a much wider range of textile fibres including wool, cotton, linen and viscose rayon. The use of **OXY- BLEACH** eliminates the need for an anti-chlor.

**Product AS SOLD**

*Product AS SOLD is classified as hazardous according to GHS and/or Safe Work Australia because of risk to EYES/ORAL TOXICITY. Contact with EYES is not considered as being applicable to normal use of the product. Avoid direct sprays or contact with EYES or accidental drink as it can cause SERIOUS EYE IRRITATION or HARMFUL.*

**Use & Dilution Recommendations:**

Ideal for both domestic & commercial front & top loading machines. Recommended dosage in order to achieve compliance with **AS/NZS 4146:2000** disinfection requirement for front loading domestic & commercial machines for each kilogram depending on soiling are:

- **Light soil 10 grams of Oxy Bleach per kilogram of clothes**
- **Medium soil 20 grams of Oxy Bleach per kilogram of clothes**
- **Heavy soil 40 grams of Oxy Bleach per kilogram of clothes**

The washing machine cycle must contain a main wash step of a minimum of 15 minutes at 40°C to 70°C to effect the sanitization and brightening. It is recommended to add 50% to these dosages when using a top load washer.

**Note:** Chlorine based bleaches are not compatible with this product and de-activates enzymes when used together in the same wash cycle.

**This product must be used in water above 40°C!**

To use as a pre-soak, dissolve **OXY-BLEACH** at concentrations in the order of 12-18 grams per litre of **hot water**. Make sure that all the powder has dissolved before introducing the wash. Allow to soak some hours or overnight.

**SPECIAL NOTES/INFORMATION:**

Disinfection trial results may be supplied upon request. Disinfection results can be validated in your own laundry upon request. For professional use only.

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**BENEFITS & TIPS**

- SANITIZES, WHITENS & BRIGHTENS
- BIODEGRADABLE
- SUITABLE ON A WIDE RANGE OF FABRICS
- SAFE ON COLOURS
- MUST USE IN WATER OVER 40 DEGRESS CELCIUS.

**Supplier:** Able Westchem  
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**Emergency Telephone number:** +61 8 9471 9111 (8.00am-4.30pm: Mon-Fri, AWST)

**2. HAZARDS IDENTIFICATION**

This material is hazardous according to health criteria of Safe Work Australia.



**Signal Word**  
Warning

**Hazard Classifications**

Acute Toxicity - Oral - Category 4  
Serious Eye Damage/Irritation - Category 2A

**Hazard Statements**

H302 Harmful if swallowed.  
H319 Causes serious eye irritation.

**Prevention Precautionary Statements**

P102 Keep out of reach of children.  
P103 Read label before use.  
P264 Wash hands, face and all exposed skin thoroughly after handling.  
P270 Do not eat, drink or smoke when using this product.  
P280 Wear protective clothing, gloves, eye/face protection and suitable respirator.

**Response Precautionary Statements**

P101 If medical advice is needed, have product container or label at hand.  
P301+P310 IF SWALLOWED: Immediately call a POISON CENTER or doctor/physician.  
P305+P351+P338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.  
P330 Rinse mouth.

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P337+P313 If eye irritation persists: Get medical advice/attention.

**Storage Precautionary Statement**

Not allocated

**Disposal Precautionary Statement**

P501 Dispose of contents/container in accordance with local, regional, national and international regulations.

**Poison Schedule:** S5. Caution

**DANGEROUS GOOD CLASSIFICATION**

Not classified as Dangerous Goods by the criteria of the "Australian Code for the Transport of Dangerous Goods by Road & Rail" and the "New Zealand NZS5433: Transport of Dangerous Goods on Land".

**3. COMPOSITION INFORMATION**

CHEMICAL ENTITY	CAS NO	PROPORTION
Sodium carbonate	497-19-8	30 - 60 % (w/w)
Ingredients determined to be Non-Hazardous		Balance

**4. FIRST AID MEASURES**

If poisoning occurs, contact a doctor or Poisons Information Centre (Phone Australia 131 126, New Zealand 0800 764 766).

**Inhalation:** Allow patient to assume most comfortable position and keep warm. Keep at rest until fully recovered. Seek medical advice if effects persist.

**Skin Contact:** If skin or hair contact occurs, remove contaminated clothing and flush skin and hair with running water. If swelling, redness, blistering or irritation occurs seek medical assistance.

**Eye contact:** If in eyes, hold eyelids apart and flush the eyes continuously with running water. Continue flushing until advised to stop by the Poisons Information Centre or a Doctor; or for at least 15 minutes and transport to Doctor or Hospital.

**Ingestion:** Rinse mouth with water. If swallowed, do NOT induce vomiting. Give a glass of water to drink. Never give anything by the mouth to an unconscious patient. If vomiting occurs give further water. Immediately call Poisons Centre or Doctor.

**Notes to physician:** Treat symptomatically.

**5. FIRE FIGHTING MEASURES**

**Hazchem Code:** Not applicable.

**Suitable extinguishing media:** If material is involved in a fire use water fog (or if unavailable fine water spray), alcohol resistant foam, standard foam, dry agent (carbon dioxide, dry chemical powder).

**Specific hazards:** Non-combustible material.

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**Firefighting further advice:** Not combustible, however following evaporation of aqueous component residual material can burn if ignited.

## 6. ACCIDENTAL RELEASE MEASURES

### SMALL SPILLS

Wear protective equipment to prevent skin and eye contamination. Avoid inhalation of dust. Wipe up with absorbent (clean rag or paper towels). Collect and seal in properly labelled containers or drums for disposal.

### LARGE SPILLS

Slippery when spilt. Avoid accidents, clean up immediately. Wear protective equipment to prevent skin and eye contamination and the inhalation of dust. Work up wind or increase ventilation. Cover with damp absorbent (inert material, sand or soil). Sweep or vacuum up, but avoid generating dust. Collect and seal in properly labelled containers or drums for disposal.

**Dangerous Goods – Initial Emergency Response Guide No:** Not applicable

## 7. HANDLING AND STORAGE

**Handling:** Avoid eye contact and repeated or prolonged skin contact. Avoid inhalation of dust.

**Storage:** Store in a cool, dry, well-ventilated place and out of direct sunlight. Store away from foodstuffs. Store away from incompatible materials described in Section 10. Store away from sources of heat and/or ignition. Always keep container standing upright. Keep containers closed when not in use - check regularly for spills.

This material is a Scheduled Poison Schedule 5 (Caution) and must be stored, maintained and used in accordance with the relevant regulations.

## 8. EXPOSURE CONTROLS / PERSONAL PROTECTION

**National occupational exposure limits:** No value assigned for this specific material by Safe Work Australia.

**Biological Limit Values:** As per the "National Model Regulations for the Control of Workplace Hazardous Substances (Safe Work Australia)" the ingredients in this material do not have a Biological Limit Allocated.

**National occupational exposure limits:** Natural ventilation should be adequate under normal use conditions.

**Personal Protection Equipment:**

### Special Notes:

Personal protective equipment (PPE) must be suitable for the nature of the work and any hazard associated with the work as identified by the risk assessment conducted.

The selection of PPE is dependent on a full risk assessment. The risk assessment should consider the work situation, physical form of chemical, handling volume and methods, environmental factors/ application area.

If the outcome of risk assessment is considerably low, still manufacturer recommends to use minimum PPE stipulated by the chemical industry practices. Ex: Safety Glasses, Dust Mask, Impervious Gloves.

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PROTECTIVE CLOTHES, GLOVES, SAFETY GLASSES, DUST MASK.



If inhalation or spill risk exists, also if engineering controls are not effective in controlling any airborne contaminants, wear suitable mist respirator meeting the requirements of AS/NZS 1716; Wear suitable protective clothing covers unprotected exposed skin area with an Overall. If the handling volume is large, chemical resistant Apron, Safety Shoes and chemical goggles and suitable respirator must be worn at all times to avoid any injuries.

Available information suggests that gloves made from natural rubber, nitrile rubber should be suitable for intermittent contact. However, due to variations in glove construction and local conditions, the user should make a final assessment. Always wash hands before smoking, eating, drinking or using the toilet. Wash contaminated clothing and other protective equipment before storing or re-using.

**Hygiene measures:** Keep away from food, drink and animal feeding stuffs. When using do not eat, drink or smoke. Wash hands prior to eating, drinking or smoking. Avoid contact with clothing. Avoid eye contact and repeated or prolonged skin contact. Avoid inhalation of dust. Ensure that eyewash stations and safety showers are close to the workstation location.

## 9. PHYSICAL AND CHEMICAL PROPERTIES

<b>Base Units:</b>	Kilogram
<b>Form:</b>	Crystalline Powder
<b>Colour:</b>	Off-white free-flowing powder
<b>Odour:</b>	Slight Odour
<b>Solubility in water:</b>	Soluble
<b>Specific Gravity (20 °C):</b>	0.90 - 0.94
<b>Vapour Pressure (20 °C):</b>	Not applicable
<b>Flash Point (°C):</b>	Not applicable
<b>Flammability Limits (%):</b>	No data available
<b>Auto ignition Temperature (°C):</b>	No data available
<b>pH:</b>	11.5 - 12.5 (1% w/w solution)
<b>Viscosity:</b>	Free falling dry powder

(Typical values only - consult specification sheet)

N Av = Not available, N App = Not applicable

## 10. STABILITY AND REACTIVITY

**Chemical stability:** This material is thermally stable when stored and used as directed.

**Conditions to avoid:** Elevated temperatures and sources of ignition.

**Incompatible materials:** Oxidising agents.

**Hazardous decomposition products:** Oxides of carbon and nitrogen, smoke and other toxic fumes.

**Hazardous reactions:** No known hazardous reactions.

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## 11. TOXICOLOGICAL INFORMATION

No adverse health effects expected if the product is handled in accordance with this Safety Data Sheet and the product label. Symptoms or effects that may arise if the product is mishandled and overexposure occurs are:

### Acute Effects

**Inhalation:** Material may be an irritant to mucous membranes and respiratory tract.

**Skin contact:** Contact with skin may result in irritation.

**Ingestion:** Harmful if swallowed. Swallowing can result in nausea, vomiting and irritation of the gastrointestinal tract.

**Eye contact:** An eye irritant. Exposure to the dust may cause discomfort due to particulate nature. May cause physical irritation to the eyes.

### Acute toxicity

**Inhalation:** This material has been classified as non-hazardous. Acute toxicity estimate (based on ingredients) : >5 mg/L

**Skin contact:** This material has been classified as non-hazardous. Acute toxicity estimate (based on ingredients) : >2,000 mg/Kg

**Ingestion:** This material has been classified as a Category 4 Hazard. Acute toxicity estimate (based on ingredients): 300 - 2,000 mg/Kg

**Corrosion/Irritancy:** Eye: this material has been classified as a Category 2A Hazard (reversible effects to eyes). Skin: this material has been classified as not corrosive or irritating to skin.

**Sensitisation:** Inhalation: this material has been classified as not a respiratory sensitiser. Skin: this material has been classified as not a skin sensitiser.

**Aspiration hazard:** This material has been classified as non-hazardous.

**Specific target organ toxicity (single exposure):** This material has been classified as non-hazardous.

### Chronic Toxicity

**Mutagenicity:** This material has been classified as non-hazardous.

**Carcinogenicity:** This material has been classified as non-hazardous.

**Reproductive toxicity (including via lactation):** This material has been classified as non-hazardous.

**Specific target organ toxicity (repeat exposure):** This material has been classified as non-hazardous.

## 12. ECOLOGICAL INFORMATION

Avoid contaminating waterways.

**Acute aquatic hazard:** This material has been classified as non-hazardous. Acute toxicity estimate (based on

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ingredients) : >100 mg/L

**Long-term aquatic hazard:** This material has been classified as non-hazardous. Non-rapidly or rapidly degradable substance for which there are adequate chronic toxicity data available OR in the absence of chronic toxicity data, Acute toxicity estimate (based on ingredients): >100 mg/L, where the substance is not rapidly degradable and/or BCF < 500 and/or log  $K_{ow}$  < 4.

**Eco toxicity:** No information available.

**Persistence and degradability:** No information available.

**Bio accumulative potential:** No information available.

**Mobility:** No information available.

### 13. DISPOSAL CONSIDERATIONS

Persons conducting disposal, recycling or reclamation activities should ensure that appropriate personal protection equipment is used, see "Section 8. Exposure Controls and Personal Protection" of this SDS.

If possible material and its container should be recycled. If material or container cannot be recycled, dispose in accordance with local, regional, national and international Regulations.

### 14. TRANSPORT INFORMATION

#### ROAD AND RAIL TRANSPORT

Not classified as Dangerous Goods by the criteria of the "Australian Code for the Transport of Dangerous Goods by Road & Rail" and the "New Zealand NZS5433: Transport of Dangerous Goods on Land".

#### MARINE TRANSPORT

Not classified as Dangerous Goods by the criteria of the International Maritime Dangerous Goods Code (IMDG Code) for transport by sea.

#### AIR TRANSPORT

Not classified as Dangerous Goods by the criteria of the International Air Transport Association (IATA) Dangerous Goods Regulations for transport by air.

### 15. REGULATORY INFORMATION

#### This material is not subject to the following international agreements:

Montreal Protocol (Ozone depleting substances)  
The Stockholm Convention (Persistent Organic Pollutants)  
The Rotterdam Convention (Prior Informed Consent)  
Basel Convention (Hazardous Waste)  
International Convention for the Prevention of Pollution from Ships (MARPOL)

#### This material/constituent(s) is covered by the following requirements:

- The Standard for the Uniform Scheduling of Medicines and Poisons (SUSMP) established under the Therapeutic Goods Act (Commonwealth).
- All components of this product are listed on or exempt from the Australian Inventory of Chemical Substances (AICS).

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## 16. OTHER INFORMATION

Reasons for issue: Periodic review and reissue of SDS  
Issue date: 16/01/2023  
Version: 1.80  
Able Rating: Amber - Alkali

### DISCLAIMER:

The information in this Safety Data Sheet (SDS) is believed to be correct as of the date issued. This product was classified according to Globally Harmonised System of Classification and Labelling of Chemicals (GHS) Revision Version 07.

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