

**Official
Safety Data Sheet
(SDS)**

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



Product: WC170
Issue Date: 2020 MAY
Issued by: JB
Version: 1.80
Page: 1 of 8

HAZARDOUS CHEMICAL, NON-DANGEROUS GOODS

1. MATERIAL AND SUPPLY COMPANY IDENTIFICATION

Product name: BIO LAUND – LAUNDRY POWDER

Synonyms

BIO LAUND - LAUNDRY POWDER 1KG
BIO LAUND - LAUNDRY POWDER 5KG
BIO LAUND - LAUNDRY POWDER 10KG
BIO LAUND – LAUNDRY POWDER 20KG
BIO LAUND – LAUNDRY POWDER 205KG

Product Code

WC170-1
WC170-5
WC170-10
WC170-20
WC170-205

Recommended use:

Description

BIO LAUND - Bio-Enzymatic Laundry Powder & Pre-Soak is a powerful **FRAGRANCE & COLOUR FREE** enzyme based heavy duty laundry and pre-soak powder designed for the efficient cleaning & removal of stubborn stains from coloureds & whites for the food industry or sensitive home and commercial use. **COMPATIBLE** with both **FRONT & TOP** loading machines this product is **CAUSTIC FREE** and contains natural minerals, salts and biodegradable surfactants. This product is ideal for sensitive users and environments but still offers excellent cleaning results.

Product AS SOLD

Product AS SOLD is classified as hazardous according to GHS and/or Safe Work Australia because of risk to EYES/SKIN. Contact with EYES/SKIN is not considered as being applicable to normal use of the product. Avoid direct sprays or contact with EYES or SKIN as it can cause serious eye irritation or causes skin irritation. Avoid inhale DUST as it may cause respiratory irritation.

Application Suggestions:

BIO LAUND was originally designed for use in commercial laundries and hospitality establishments that required a versatile low irritant concentrate that was caustic free and enzyme boosted that could combat a wide array of stains in both front and top load machines. Use with confidence in both hard or soft water for cleaning coloureds and whites and removing proteaceous soils such as blood, mucus, animal fats and faeces commonly found on soiled work linen in livestock processing establishments. **BIO-LAUND** is also a very efficient **PRE-SOAK** as well when used with **HOT** water. The bio-enzymes attack proteaceous soils and removes stains from heavily soiled work clothes. Always dose to the size of the clothing load not to the machine volume and do not over dose as a second rinse will be required to remove excess chemical.

Dilution Recommendations

- | | |
|--|---------------------------------------|
| <input type="checkbox"/> Normal Machine load (7 kg) | 1 Tablespoon per load |
| <input type="checkbox"/> Commercial Machines | 500grams per 50kg |
| <input type="checkbox"/> Pre-Soaking - Whites | 100 grams per 10 litres of HOT water |
| <input type="checkbox"/> Pre-Soaking – Blood & protein | 100 grams per 10 litres of COLD water |

BENEFITS & TIPS

- FRAGRANCE & DYE FREE
- BIODEGRADABLE SURFACTANTS
- ENZYME BOOSTED
- FRONT & TOP LOADER COMPATIBLE
- CAUSTIC FREE FORMULA

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Product: WC170
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Version: 1.80
Page: 2 of 8

- LOW PHOSPHATES BELOW 7.8G PER AVERAGE WASH
- TOUGH ON GREASE & STAINS
- NO NASTY PETROCHEMICALS
- AUSTRALIAN MADE

Supplier: Able Westchem
ABN: 009 353 182
Street Address: 273 Collier Road
Bayswater, WA 6053
Australia
Telephone: +61 8 9471 9111
Facsimile: +61 8 9272 6740

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

Skin Corrosion/Irritation - Category 2
Serious Eye Damage/Irritation - Category 2A
Specific Target Organ Toxicity (Single Exposure) - Category 3 Respiratory Tract Irritation

Hazard Statements

H302 Harmful if swallowed.
H314 Causes serious eye irritation.
H335 May cause respiratory irritation.

Prevention Precautionary Statements

P102 Keep out of reach of children.
P103 Read label before use.
P260 Do not breathe dust, fume, gas, vapours or spray.
P261 Avoid breathing dust, fume, gas, vapours or spray.
P264 Wash hands, face and all exposed skin thoroughly after handling.
P270 Do not eat, drink or smoke when using this product.
P271 Use only outdoors or in a well-ventilated area.
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.
P301+P330+P331 IF SWALLOWED: Rinse mouth. Do NOT induce vomiting.
P303+P361+P353 IF ON SKIN (or hair): Remove/Take off immediately all contaminated clothing. Rinse

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Product: WC170
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Issued by: JB
Version: 1.80
Page: 3 of 8

P304+P340	skin with water/shower. IF INHALED: Remove victim to fresh air and keep at rest in a position comfortable for breathing.
P305+P351+P338	IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
P310	Immediately call a POISON CENTER or doctor/physician.
P312	Call a POISON CENTER or doctor/physician if you feel unwell.
P321	Specific treatment (see Always refer to information on the product label).
P330	Rinse mouth.
P363	Wash contaminated clothing before reuse.

Storage Precautionary Statements

P403+P233	Store in a well-ventilated place. Keep container tightly closed.
P405	Store locked up.

Disposal Precautionary Statement

P501	Dispose of contents/container in accordance with local, regional, national and international regulations.
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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)
Sodium silicate	6834-92-0	10-30 % (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: Remove victim from exposure - avoid becoming a casualty. Remove contaminated clothing and loosen remaining clothing. 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. For gross contamination, immediately drench with water and remove clothing. Continue to flush skin and hair with plenty of water (and soap if material is insoluble). For skin burns, cover with a clean, dry dressing until medical help is available. If blistering occurs, do NOT break blisters. If swelling, redness, blistering, or irritation occurs seek medical assistance.

Eye contact: Immediately irrigate with copious quantities of water for 15 minutes. Eyelids to be held open. Remove clothing if contaminated and wash skin. Urgently seek medical assistance. Transport to hospital or medical centre.

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

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Product: WC170
Issue Date: 2020 MAY
Issued by: JB
Version: 1.80
Page: 4 of 8

Poisons Centre or Doctor.

Notes to physician: Treat symptomatically. Can cause corneal burns.

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.

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 vapours or dust. Wipe up with absorbent (clean rag or paper towels). Collect and seal in properly labelled containers or drums for disposal.

LARGE SPILLS

Clear area of all unprotected personnel. Collect and seal in properly labelled containers or drums for disposal. If contamination of crops, sewers or waterways has occurred advise local emergency services.

Dangerous Goods – Initial Emergency Response Guide No: Not applicable

7. HANDLING AND STORAGE

Handling: Avoid eye contact and 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. Store locked up. Always keep container standing upright. Keep containers closed when not in use - check regularly for leaks.

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:

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Product: WC170
Issue Date: 2020 MAY
Issued by: JB
Version: 1.80
Page: 5 of 8

Special Notice:

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: Suitable protective clothing such as long sleeve cloths with buttoned at neck and wrist and Suitable Dust Mask, Safety Glasses, Impervious Gloves

PROTECTIVE CLOTHES, GLOVES, SAFETY GLASSES, DUST MASK.



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 skin contact. Avoid inhalation of dust. Ensure that eyewash stations and safety showers are close to the workstation location.

9. PHYSICAL AND CHEMICAL PROPERTIES

Base Units:	Kilogram
Colour:	Off-white free-flowing powder
Odour:	Slight Odour
Solubility in water:	Soluble
Specific Gravity (20 °C):	1.03 - 1.07
Vapour Pressure (20 °C):	Not applicable
Flash Point (°C):	Not applicable
pH:	11.5 - 12.5 (1% w/w solution)

(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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Product: WC170
Issue Date: 2020 MAY
Issued by: JB
Version: 1.80
Page: 6 of 8

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 is an irritant to mucous membranes and respiratory tract.

Skin contact: Contact with skin will result in severe irritation. Corrosive to skin - may cause skin burns.

Ingestion: Harmful if swallowed. Swallowing can result in nausea, vomiting, diarrhoea, abdominal pain and chemical burns to the gastrointestinal tract.

Eye contact: A severe eye irritant. Corrosive to eyes: contact can cause corneal burns. Contamination of eyes can result in permanent injury.

Acute toxicity

Inhalation:

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 1 Hazard (irreversible effects to eyes). Skin: this material has been classified as a Category 1B Hazard (irreversible effects 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 a Category 3 Hazard. Exposure via inhalation may result in respiratory irritation.

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 ingredients): >100 mg/L

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Issue Date: 2020 MAY
Issued by: JB
Version: 1.80
Page: 7 of 8

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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Issue Date: 2020 MAY
Issued by: JB
Version: 1.80
Page: 8 of 8

16. OTHER INFORMATION

Reasons for issue: Updated Section 16 with issue date and version
Issue date: 28/05/2020
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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