



SAFETY DATA SHEET

PRO BLUE LAUNDRY POWDER V8

Infosafe No.: CI016
ISSUED Date : 16/10/2023
ISSUED by: Custom Chemicals International Pty
Ltd

Section 1 - Identification

Product Identifier

PRO BLUE LAUNDRY POWDER V8

Product Code

0010331

Company Name

CUSTOM CHEMICALS INTERNATIONAL PTY LTD (ABN 73 050 537)

Address

103-107 Potassium Street
QLD AUSTRALIA
AUSTRALIA Narangba
QLD 4504 AUSTRALIA

Telephone/Fax Number

Tel: 07 3204 8300
Fax: 07 3204 8311

Emergency Phone Number

13 1126 in Australia (AH)

Recommended use of the chemical and restrictions on use

Laundry Detergent Powder

Section 2 - Hazard(s) Identification

GHS classification of the substance/mixture

Classified as Hazardous according to the Globally Harmonised System of Classification and labelling of Chemicals (GHS) including Work, Health and Safety regulations, Australia.

Not classified as Dangerous Goods according to the Australian Code for the Transport of Dangerous Goods by Road and Rail. (7th edition)

Eye damage/irritation: Category 1

Hazardous to the Aquatic Environment - Acute Hazard: Category 3

Skin corrosion/irritation: Category 2

Signal Word (s)

DANGER

Hazard Statement (s)

H315 Causes skin irritation.

H318 Causes serious eye damage.

H402 Harmful to aquatic life.

Pictogram (s)

Corrosion

**Precautionary Statement – Prevention**

P264 Wash hands and skin thoroughly after handling.

P273 Avoid release to the environment.

P280 Wear protective gloves/protective clothing/eye protection/face protection.

Precautionary Statement – Response

P302+P352 IF ON SKIN: Wash with plenty of water.

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/doctor.

P321 Specific treatment (see First Aid Measures on this label).

P332+P313 If skin irritation occurs: Get medical advice/attention.

P362+P364 Take off contaminated clothing and wash it before reuse.

Precautionary Statement – Disposal

P501 Dispose of contents/container to be in accordance with local regulations..

Precautionary Statement – General

P102 Keep out of reach of children.

Section 3 - Composition and Information on Ingredients**Ingredients**

Name	CAS	Proportion
Sodium carbonate	497- 19- 8	10- 30 %
Other ingredients classified as non hazardous at the concentrations used according to the criteria of Safe Work Australia	-	-

Section 4 - First Aid Measures**Inhalation**

If inhaled, remove affected person from contaminated area. If breathing is laboured, and patient cyanotic (blue), ensure airways are clear and have qualified person give oxygen via a face mask. Apply artificial respiration if not breathing. Seek medical attention.

Ingestion

Do not induce vomiting. Wash out mouth thoroughly with water. If vomiting occurs give further water to achieve effective dilution. Seek immediate medical attention.

Skin

Wash affected area thoroughly with soap and water. If symptoms develop seek medical attention.

Eye

If in eyes, hold eyelids apart and flush the eyes continuously with running water. Remove contact lenses. Continue flushing until advised to stop by the Poisons Information Centre or a doctor, or for at least 15 minutes. Seek immediate medical attention.

First Aid Facilities

Eyewash, safety shower and normal washroom facilities.

Advice to Doctor

Treat symptomatically.

Other Information

For advice in an emergency, contact a Poisons Information Centre or a doctor at once. (131 126)

Section 5 - Firefighting Measures

Fire Fighting Measures

Fire fighters to wear self contained breathing apparatus if risk of exposure to products of combustion or decomposition.

Suitable Extinguishing Media

Carbon dioxide, dry chemical, foam, water fog or water mist.

Unsuitable Extinguishing Media

Do not use water jet.

Hazards from Combustion Products

Non combustible material however if involved in a fire will emit toxic fumes. Oxidiser. Oxygen released on exothermic decomposition may support combustion in case of surrounding fire. Pressure burst may occur due to decomposition in confined spaces/containers. Wet product decomposes exothermically and may cause combustion of organic materials.

Specific hazards arising from the chemical

This product is non combustible.

Precautions in connection with Fire

Fire fighters should wear full protective clothing and self-contained breathing apparatus (SCBA) operated in positive pressure mode. Fight fire from safe location.

Section 6 - Accidental Release Measures

Emergency Procedures

Increase ventilation. Evacuate all unprotected personnel. Wear sufficient respiratory protection and full protective clothing to prevent exposure. Sweep up material avoiding dust generation or dampen spilled material with water to avoid airborne dust, then transfer material to a suitable container. Wash surfaces well with soap and water. Seal all wastes in labelled containers for subsequent recycling or disposal. Dispose of waste according to the applicable local and national regulations. If contamination of sewers or waterways occurs inform the local water and waste management authorities in accordance with local regulations.

Spills & Disposal

Flush with large amounts of water if product is spilled.

Section 7 - Handling and Storage

Precautions for Safe Handling

Avoid inhalation of dust, and skin or eye contact. Use only in a well ventilated area. Keep containers sealed when not in use. Prevent the build up of dust in the work atmosphere. Maintain high standards of personal hygiene i.e. Washing hands prior to eating, drinking, smoking or using toilet facilities.

Conditions for safe storage, including any incompatibilities

Store in a cool, dry, well-ventilated area, out of direct sunlight and moisture. Store in suitable, labelled containers. Keep containers tightly closed. Store away from incompatible materials. Ensure that storage conditions comply with applicable local and national regulations.

Section 8 - Exposure Controls and Personal Protection

Occupational exposure limit values

No exposure standards have been established for the mixture. However, over-exposure to some chemicals may result in enhancement of pre-existing adverse medical conditions and/or allergic reactions and should be kept to the least possible levels.

Biological Monitoring

No biological limits allocated.

Engineering Controls

This substance is hazardous and should be used with a local exhaust ventilation system, drawing solid/dust away from workers' breathing zone. If the engineering controls are not sufficient to maintain concentrations of particulates below the exposure standards, suitable respiratory protection must be worn.

Respiratory Protection

If engineering controls are not effective in controlling airborne exposure then an approved respirator with a replaceable dust/particulate filter should be used. Refer to relevant regulations for further information concerning respiratory protective requirements.

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, in order to make any necessary changes for individual circumstances.

Eye and Face Protection

Safety glasses with full face shield should be used. Eye protection devices should conform to relevant regulations.

Eye protection should conform with Australian/New Zealand Standard AS/NZS 1337 - Eye Protectors for Industrial Applications.

Hand Protection

Wear gloves of impervious material. Final choice of appropriate gloves will vary according to individual circumstances. i.e. methods of handling or according to risk assessments undertaken. Occupational protective gloves should conform to relevant regulations.

Reference should be made to AS/NZS 2161.1: Occupational protective gloves - Selection, use and maintenance.

Body Protection

Suitable protective workwear, e.g. cotton overalls buttoned at neck and wrist is recommended. Chemical resistant apron is recommended where large quantities are handled.

Other Information

No exposure standards have been established for this material, however, the TWA exposure standards for dust not otherwise specified is 10 mg/m³. As with all chemicals, exposure should be kept to the lowest possible levels. TWA (Time Weighted Average): The average airborne concentration of a particular substance when calculated over a normal eight-hour working day, for a five-day week. Source: Safe Work Australia

Section 9 - Physical and Chemical Properties

Properties	Description	Properties	Description
Form	Solid	Appearance	White powder
Colour	White	Odour	Lemon
Melting Point	Not available	Boiling Point	Ca. 100°C
Solubility in Water	Complete	Specific Gravity	1.00 - 1.02 @ 25°C
pH	10.0-11.5 (1% solution)	Volatile Component	ca. 5%
Flammability	Non combustible		

Section 10 - Stability and Reactivity

Chemical Stability

Stable under normal conditions of storage and handling.

Conditions to Avoid

Extremes of temperature and direct sunlight

Incompatible Materials

Reducing agents, oxidising agents, acids, bases, salts of heavy metals, organic materials and flammable substances.

Hazardous Decomposition Products

Thermal decomposition may result in the release of toxic and/or irritating fumes

Section 11 - Toxicological Information

Toxicology Information

No toxicity data available for this material.

Acute Toxicity - Oral

No information available for this particular product.

For individual components

Sodium Carbonate: LD50(rat): 4000 mg/kg

Acute Toxicity - Inhalation

No information available for this particular product.

For individual components

Sodium Carbonate: LC50(mouse): 1200 mg/m³

Ingestion

Ingestion of this product may irritate the gastric tract causing nausea and vomiting.

Inhalation

May cause respiratory irritation. Inhalation of product dust can cause irritation of the nose, throat and respiratory system.

Skin

May be irritating to skin. The symptoms may include redness, itching and swelling.

Eye

Causes serious eye damage. Eye contact will cause stinging, blurring, tearing, severe pain and possible burns, necrosis, permanent damage and blindness.

Chronic Effects

Prolonged and repeated skin exposure with solutions may product excematoid dermatitis in certain individuals.
Repeated or prolonged exposure to generated dust may cause sore throat, nose bleeds and bronchitis.

Section 12 - Ecological Information

Ecotoxicity

ATE calculated LC50 mg/L MAX (AS SOLD): 18.9 mg/L - Acute Aquatic Toxicity Cat 3

When used at reccomended diluton ratios, this product is classified as Non Hazardous to aquatic environments.

Persistence and degradability

Not available

Mobility

Not available

Environmental Protection

Prevent large amounts from entering waterways, drains and sewers.

Section 13 - Disposal Considerations

Disposal Considerations

Dispose of waste according to applicable local and national regulations. Do not allow into drains or watercourses or dispose of where ground or surface waters may be affected. Wastes including emptied containers are controlled wastes and should be disposed of in accordance with all applicable local and national regulations.

Section 14 - Transport Information

Transport Information

This material is not classified as Dangerous Goods.

UN Number

None Allocated

Proper Shipping Name

None Allocated

Transport Hazard Class

None Allocated

Section 15 - Regulatory Information

Regulatory Information

Classified as Hazardous according to the Globally Harmonised System of Classification and labelling of Chemicals (GHS) including Work, Health and Safety regulations, Australia.

Not classified as a Scheduled Poison according to the Standard for the Uniform Scheduling of Medicines and Poisons (SUSMP).

Poisons Schedule

N/A

Section 16 - Any Other Relevant Information

Date of Preparation

SDS created: October 2023, Supersedes: September 2018

Revisions Made

GHS 7 and 5 year revision.

Literature References

Preparation of Safety Data Sheets for Hazardous Chemicals Code of Practice.

Standard for the Uniform Scheduling of Medicines and Poisons.

Australian Code for the Transport of Dangerous Goods by Road & Rail.

Model Work Health and Safety Regulations, Schedule 10: Prohibited carcinogens, restricted carcinogens and restricted hazardous chemicals.

Workplace exposure standards for airborne contaminants.

Adopted biological exposure determinants, American Conference of Industrial Hygienists (ACGIH).

Globally Harmonised System of classification and labelling of chemicals

Contact Person/Point

Regulatory Affairs Manager. Telephone (07) 3204 8300

Uses and Restrictions

Domestic Machines:

Top loading: ¼ to ½ Cup powder per wash

Front loading: 1/5 to 1/3 Cup powder per wash

Commercial Machines : Consult dilution chart for guidance.

Light Soiling : Use 250 gram per 50 Kg load.

Heavy Soiling : Use 500 gram per 50 Kg load.

User Information

"PRO-BLUE" is a new concept in cleaning. "PRO-BLUE LAUNDRY POWDER" is formulated with biological actives comprised of pro-active bacteria and enzymes derived from bacteria. Contains a special selection of plant based detergents, grease cutters, enzymes and an army of 'probiotic' species of live bacteria for the removal of general soils, tough stains and pathogens.

The product is specially formulated to provide excellent results in all water conditions, both hot and cold, commercial and domestic machines - both top-loaders and front-loaders. Contains water softeners to allow it to work better and quicker in hard or soft water. Contains optical brighteners to ensure maximum whiteness retention and brightness. Contains a built-in fabric softener.

"PRO-BLUE LAUNDRY POWDER" is safe to use in all domestic washing machines, however, it's a dense concentrated product, so care should be taken to avoid excessive usage.

Other Information

DO NOT MIX WITH OTHER CHEMICALS WITHOUT PRIOR CONSULTATION WITH THE MANUFACTURER. Always use product as directed. Never return any unused material to original drum.

The information sourced for the preparation of this document was correct and complete at the time of writing to the best of the writers knowledge. The document represents the commitment to the company's responsibilities surrounding the supply of this product, undertaken in good faith. This document should be taken as a safety guide for the product and its recommended uses but is in no way an absolute authority. Please consult the relevant legislation and regulations governing the use and storage of this type of product.

END OF SDS

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