

Safety Data Sheet

ISSUE DATE: 03/09/2024

INDUSTRIAL LAUNDRY POWDER

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1. Identification

GHS Product identifier	Industrial Laundry Powder
Company Name	Blue Lion Supplies Pty. Ltd.
Address	Fact. 3, 29 Barry Street, Bayswater, VICTORIA 3153
Telephone	(03) 9738 3900
Contact	Leigh Gillman
Recommended use of the chemical and restrictions on use	Industrial laundry detergent powder. A concentrated detergent powder with safety bleach for commercial and industrial laundry use. Use 1/4 - 1/3 cup of Industrial Laundry Powder per wash - Use a little more for dirtier washes. For best results, first dissolve the powder in warm water.
Other Names	None
Other Information	Emergency contact: Mobile: 0447 719 987

2. Hazard Identification

Classified as Hazardous according to the criteria of WorkSafe Australia.

GHS classification of the substance/mixture	Skin Corrosion Specific organ exposure toxicity (single exposure) Eye irritation	Category 1A and B Category 3 Category 2
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Signal Word (s) WARNING

Hazard Statement(s)

H314	Causes severe skin burns and eye damage
H319	Causes serious eye irritation
H335	May cause respiratory irritation

Risk phrases

R35	Causes severe burns
R36	Irritating to eyes

Precautionary statement - Prevention

P260 - Do not breathe dust
P264 - Wash exposed skin thoroughly after handling
P270 - Do not eat, drink or smoke when using this product
P280 - Wear protective gloves, protective clothing, eye protection, face protection

Response

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 skin with water/shower
P304+P340 - IF INHALED: Remove person to fresh air and keep 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.
P330 - If swallowed, rinse mouth
P363 - Wash contaminated clothing before reuse

Storage

P405 - Store locked up
P501 - Dispose of contents/container to comply with local, state and federal regulations



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3. Composition/information on ingredients

<u>Hazardous ingredients</u>	<u>CAS no.</u>	<u>Proportion</u>	<u>Hazard symbol</u>	<u>Risk phrase</u>
Sodium metasilicate	6834-92-0	MED	C	R34
Sodium carbonate	497-19-8	HIGH	Xi	R36
Sodium hydroxide	1310-73-2	LOW	C	R35

KEY: Proportion, (wt %) - V HIGH >60, HIGH 30 - 60, MED 10 -29, LOW 1-9, V LOW <1

Non hazardous ingredients to 100%

4. First-aid measures

Ingestion:	Rinse mouth thoroughly with water immediately. Give water to drink. DO NOT induce vomiting. If vomiting occurs, have victim lean forward to reduce risk of aspiration. If vomiting occurs give further water to achieve effective dilution. Seek immediate medical assistance.
Skin:	Wash affected areas with copious quantities of water immediately. Remove contaminated clothing and wash before re-use. Seek urgent medical assistance. Cover skin with an emollient.
Eye contact	Immediately irrigate with copious quantity of water for at least 15 minutes. Eyelids to be held open. Seek immediate medical assistance. If available, a neutral saline solution may be used to flush the contaminated eye/s an additional 30 minutes.
First Aid Facilities	Maintain eyewash fountain and safety shower in work area.
Advice to Doctor	Treat symptomatically and as for alkaline material.
Other Information	For advice, contact the National Poisons Information Centre (Phone Australia 13 11 26_ New Zealand 0800 764 766) or a doctor.

5. Fire-fighting measures

Hazards from Combustion	When subject to high heat may produce smoke, carbon monoxide and carbon dioxide.
Suitable extinguishing media	Use extinguishing media most appropriate for the surrounding fire. Small fire: Use dry chemical, CO2 or water spray. Large fire: Use water spray, fog or foam If safe to do so, move undamaged containers from the fire area. Cool containers with flooding quantities of water until well after the fire is out.
Specific hazards arising from the chemical with fire	Material does not burn. Fire or heat will produce irritating, poisonous and/or corrosive gases. protection. Structural firefighter's uniform is NOT effective for these materials.

6. Accidental release measures

Personal Precautions	Avoid contact with skin and eyes. Do not breathe dust or mist.
Personal Protection	Gloves. Face-shield. Dust cloud production: compressed air/oxygen apparatus. Wear protective clothing specified for normal operations (see Section 8)
Clean-up Methods- Large spills	Avoid generating dust. Carefully scoop up or shovel up product and loosely seal in properly labelled drums for disposal in an area approved by local authority by-laws. Wash area down with excess water to remove residual material.
Small spills	Sweep up contaminated product and wash area down with excess water.
Environmental Precautions	Avoid release to the environment.

7. Handling and storage

Precautions for Safe Handling	Remove contaminated clothing immediately. Clean contaminated clothing. Use corrosion proof equipment. Avoid contact with skin and eyes. Avoid formation of dust.
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Conditions for safe storage, including any Incompatibilities

Store in a cool, dry place. Keep containers securely sealed. Keep dry. Keep containers closed at all times. Avoid any dust build up. This material is a Scheduled Poison S6 and must be stored, maintained and used in accordance with the relevant regulations.

8. Exposure controls/personal protection

	STEL		TWA		Footnote
	mg/m ³	ppm	mg/m ³	ppm	
Sodium hydroxide			2		Peak limitation
Nuisance dusts			10		
Respirable dusts			5		
Other exposure Information	The exposure value at the TWA is the average airborne concentration of a particular substance when calculated over a normal 8 hour working day for a 5 day working week. Peak Limitation - a ceiling concentration, which should not be exceeded over a measurement period which should be as short as possible but not exceeding 15 minutes.				
Appropriate engineering Controls	In industrial situations maintain the concentrations values below the TWA. This may be achieved by process modification, use of local exhaust ventilation, capturing substances at the source, or other methods.				
Personal Protective Equipment	Avoid skin and eyes contact. Avoid creating dusts – irritating to respiratory system				
Respiratory Protection	Wear personal protective equipment outlined below when handling this product. Where ventilation is not adequate, respiratory protection may be required. Avoid breathing dust, vapours or mists. Respiratory protection should comply with AS 1716 - Respiratory Protective Devices and be selected in accordance with AS 1715 - Selection, Use and Maintenance of Respiratory Protective Devices. Filter capacity and respirator type depends on exposure levels. In event of emergency or planned entry into unknown concentrations a positive pressure, full-face piece SCBA should be used. If respiratory protection is required; institute a complete respiratory protection program including selection, fit testing, training, maintenance and inspection.				
Eye Protection	The use of a face shield, chemical goggles or safety glasses with side shield protection as appropriate. Must comply with Australian Standards AS 1337 and be selected and used in accordance with AS 1336.				
Hand Protection	Avoid skin contact when removing gloves from hands, do not touch the gloves outer surface. Dispose of gloves as hazardous waste. Hand protection should comply with AS 2161, Occupational protective gloves - Selection, use and maintenance. Recommendation: Nitrile rubber.				
Footwear	Safety boots in industrial situations is advisory, foot protection should comply with AS 2210, Occupational protective footwear - Guide to selection, care and use.				
Body Protection	Clean clothing or protective clothing should be worn, preferably with an apron. Clothing for protection against chemicals should comply with AS 3765 Clothing for Protection Against Hazardous Chemicals.				
Hygiene Measures	Do not eat, drink or smoke in work areas. Wash hands thoroughly after handling this material. Maintain good housekeeping.				

9. Physical and chemical properties

Appearance and Odour	Yellow free-flowing granulated powder with no specific odour.
Boiling Point/	
Melting Point (°C)	Not Available
Vapour Pressure	Not Available
% Volatile by volume	0.2
Specific Gravity	1.15 g/cm ³ (bulk)
pH (concentrate)	N/A
pH (use in dilution)	12 - 13 (1:100)
Solubility in water	Complete
Other Data	None
Flash Point (°C)	None, Non-flammable

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10. Stability and reactivity

Stability	Stable under normal conditions of use and storage.
Products to Avoid	May react violently with strong acids.
Hazardous Polymerization	Will not occur.

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 that may arise if the product is mishandled and overexposure occurs are:

Swallowed	Swallowing can result in irritating mouth, oesophagus and stomach. Headaches and nausea possible.
Eye	Powder and solutions are irritants to eyes and mucous membranes. Overexposure may lead to eye tissue damage.
Skin	In the concentrated form, prolonged skin contact without rinsing may irritate skin upon contact. Skin inflammation is characterized by a burning sensation, itching, scaling or reddening. Dermatitis may develop depending on the individual's sensitivity.
Inhaled	Breathing excessive amounts of dust may produce nasal and upper respiratory irritation characterized by discomfort and sore throat. Effects of prolonged occupational exposure are not known.
Long term effects	No information available for this product.
Acute toxicity / Chronic toxicity	No LD50 data available for the product.

12. Ecological information

	Avoid contaminating waterways.
Persistence and Degradability	No data available.
Mobility in soil	No data available.
Other adverse effects	No data available.

13. Disposal considerations

Disposal Considerations	Reuse reclaimed material if possible. Carefully dissolve in water and greatly dilute, or neutralise with dilute acid and flush to drain with copious amounts of water. Otherwise, place in plastic container prior to disposing through normal commercial refuse system. Refer to State Land Waste Management Authority. Normally suitable for disposal at approved land waste site.
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14. Transport information

Transport Information	Classified a Dangerous Good for Road or Rail according to the Australian Dangerous Goods code.
U.N. Number	1823
UN proper shipping name	SODIUM HYDROXIDE, SOLID
Transport hazard class(es)	8
Hazchem Code	2R
Packing Group	II



15. Regulatory information

Regulatory Information	Listed in the Australian Inventory of Chemical Substances (AICS).
Poisons Schedule	S6

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16. Other Information

Date of preparation or last revision of SDS 03/09/2024

References

National Road Transport Commission, 'Australian Code for the Transport of Dangerous Goods by Road and Rail 7th. Ed.', 2007.

'Labeling of Hazardous Workplace Chemicals, Code of Practice' Safe Work Australia.

Safe Work Australia, 'Approved Criteria for Classifying Hazardous Substances [NOHSC:1008(2004)]'.

Safe Work Australia, 'Hazardous Substances Information System, 2005'.

Safe Work Australia, 'National Code of Practice for the Labeling of Safe Work Hazardous Substances (2011)'.

THIS MSDS SUMMARISES OUR BEST KNOWLEDGE OF THE HEALTH AND SAFETY HAZARD INFORMATION OF THE PRODUCT AND HOW TO SAFELY USE THE PRODUCT IN THE WORKPLACE. EACH USER MUST REVIEW THIS MSDS IN THE CONTEXT OF HOW THE PRODUCT WILL BE HANDLED AND USED IN THE WORKPLACE.
IF CLARIFICATION OR FURTHER INFORMATION IS NEEDED TO ENSURE THAT AN APPROPRIATE RISK ASSESSMENT CAN BE MADE, THE USER SHOULD CONTACT THIS COMPANY SO WE CAN ATTEMPT TO OBTAIN ADDITIONAL INFORMATION FROM OUR SUPPLIERS.