

Infosafe No™ VARB5	Issue Date : November 2024	ISSUED by MILESTON
Product Name LPA LAUNDRY POWDER		

Section 1 - Identification

Product Identifier	LPA LAUNDRY POWDER
Company Name	Milestone Chemicals Pty. Ltd. (ABN 85115166357)
Address	115 Northern Road West Heidelberg VIC 3081 AUSTRALIA
Telephone/Fax Number	Tel: (03) 9450 4555 Fax: (03) 9457 5518
Emergency Phone Number	(03) 9450 4555 Mon-Fri 8am - 6pm
Recommended use of the chemical and restrictions on use	Heavy duty all purpose laundry detergent for industrial applications.

Section 2 - Hazard(s) Identification

GHS Classification of the Substance/Mixture	Skin corrosion/irritation: Category 1B
Signal Word	DANGER
Hazard Statement (s)	H314 Causes severe skin burns and eye damage.
Pictogram (s)	Corrosion



Precautionary Statement – Prevention	P260 Do not breathe dust/fume/gas/mist/vapours/spray. P264 Wash contaminated skin thoroughly after handling. P280(f) Wear protective gloves/protective clothing/eye protection/face protection.
Precautionary Statement – Response	P301+P330+P331 IF SWALLOWED: Rinse mouth. Do NOT induce vomiting. P303+P361+P353 IF ON SKIN (or hair): Take off immediately all contaminated clothing. Rinse skin with water [or 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/doctor. P363 Wash contaminated clothing before reuse. P405 Store locked up.
Precautionary Statement – Storage	
Precautionary Statement – Disposal	P501 Dispose of contents/container: Recycle packaging by replacing cap and returning clean containers to recycler or designated collection point.
Precautionary Statement – General	P102 Keep out of reach of children. P103 Read carefully and follow all instructions.

Section 3 - Composition and Information on Ingredients

Ingredients	Name	CAS	Proportion
	Disodium metasilicate	6834-92-0	30-60 %
	Other ingredients determined not to be hazardous	Not required	to 100%

Section 4 - First Aid Measures

Inhalation	Remove from exposure.
Ingestion	If swallowed, do NOT induce vomiting. Give a glass of water to be taken

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Skin	slowly. If irritation develops or persists transport to hospital or doctor. If skin contact occurs, remove contaminated clothing and wash skin thoroughly. Wash clothing before re-use. If irritation develops or persists transport to hospital or doctor.
Eye	If in eyes, hold eyes open, flood with water for at least 15 minutes and see a doctor. If irritation develops or persists transport to hospital or doctor.
First Aid Facilities	Recommended: Eye wash and normal wash room facilities.
Advice to Doctor	Product contains alkaline salts and surfactants. Vomiting has not been induced because of risk of aspiration into the lungs. Contact Poisons Information Centre.

Section 5 - Firefighting Measures

Suitable Extinguishing Media	Water, or as for other chemicals present.
Hazards from Combustion Products	Water vapour, carbon dioxide, obnoxious fumes.
Specific Methods	In case of small fire/explosion use water. In case of major emergency use PPE: breathing apparatus and protective gloves.
Specific Hazards Arising from the Chemical	Not a fire hazard. May react vigorously with acids, generating carbon dioxide, a simple asphyxiant. If tanks, drums or containers of this material are heated, they may rupture and project corrosive materials over a wide area.
Hazchem Code	2X

Section 6 - Accidental Release Measures

Emergency Procedures	Keep unnecessary people away; Isolate hazard area and deny entry. Stay upwind; Keep out of low areas. Do not walk or touch spilt material unless wearing personal protection as outlined under MSDS.
Spills & Disposal	Avoid generating dusts. Wear suitable protective equipment. Ventilate area. If possible wet area down to prevent high dust levels. If available, use dustless methods, such as a HEPA vacuum and filter. Otherwise, use a non-sparking shovel and place into a suitably labeled container for later disposal. Do not dry sweep.

Section 7 - Handling and Storage

Conditions for safe storage, including any incompatibilities	Store in a dry, well ventilated place, out of reach of children. Store in original container. Keep container closed. Keep away from acids. Keep away from oxidising agents. Protect from physical damage. Clean up all spills promptly; avoid secondary accidents.
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Section 8 - Exposure Controls and Personal Protection

Engineering Controls	Consider local mechanical exhaust/extraction if dust risk exists. Where dust cannot be controlled in this way, personal respiratory protection should be employed.
Personal Protective Equipment	Avoid contact with the skin and eyes. Avoid breathing the dust. Personal protection to be selected from those recommended below, as appropriate to mode of use, quantity handled and degree of hazard:- Face shield or safety glasses Gloves, rubber or plastic Overalls. Dust mask or half-face respirator with a P1 filter is recommended. All respirators must comply with AS/NZS 1715 and AS/NZS 1716. Always maintain a high level of personal hygiene when using cleaning chemicals. That is wash hands before eating, drinking, smoking or using the toilet.

Section 9 - Physical and Chemical Properties

Form	Solid
Appearance	White free flowing powder

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Odour	Lemon
Melting Point	No data.
Solubility in Water	50 g/L approx.
Specific Gravity	2.1 (bulk density)
pH	12.0-13.0 (1% solution)
Vapour Pressure	None
Flash Point	None.
Flammability	Not flammable.
Other Information	Alkaline mixture. Will react vigorously with acids, generating carbon dioxide, a simple asphyxiant. May become sticky in moist air.

Section 10 - Stability and Reactivity

Chemical Stability	Stable under normal use conditons.
Conditions to Avoid	Heat, flames, ignition sources and incompatibles.
Incompatible Materials	Strong acids, oxidizing agents.
Hazardous Decomposition Products	Emits choking and corrosive fumes when heated to decomposition.

Section 11 - Toxicological Information

Acute Toxicity - Oral	LD 50 : Alkaline salts 1,100 - 7,400 mg/kg oral, rat
Acute Toxicity - Inhalation	LC 50 : Alkaline salts 2,300 mg/m3/2 hrs, rat
Ingestion	May cause irritation to mouth, throat and stomach with effects including mucous build up, irritation to the tongue and lips and pains in the stomach, which may lead to nausea, vomiting and diarrhoea.
Inhalation	Will cause severe irritation to the nose, throat and respiratory system with effects including: Dizziness, headache, coughing, loss of co-ordination, chest pains, respiratory paralysis and or failure.
Skin	Will cause burns to the skin, with effects including; Redness, blistering, localised pain and dermatitis.
Eye	Will cause burns to the eyes with effects including: Pain, tearing, conjunctivitis and if duration of exposure is long enough, blindness will occur.
Chronic Effects	Repeated skin contact with the solid may lead to dermatitic effects and/or to necrosis (death) of the skin.

Section 12 - Ecological Information

Ecotoxicity	In large concentrations this product is detrimental to the aquatic environment.
Persistence and Degradability	Inherently biodegradable
Mobility	Powder is easily contained, but material is reasonably soluble in large amounts of water.
Other Adverse Effects	This substance may cause long term adverse effects in the aquatic environment.
Environmental Protection	Avoid contaminating waterways, drains, sewers, or ground.

Section 13 - Disposal Considerations

Waste Disposal	Refer to appropriate authority in your State. Dispose of material through a licensed waste contractor. Normally suitable for disposal by approved waste disposal agent.
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Section 14 - Transport Information

Transport Information	Classified as a Class 8 Dangerous Good. Dangerous Goods of Class 8 Corrosives are incompatible in a placard load with any of the following: - Class 1, Class 4.3, Class 5, Class 6, if the Class 6 dangerous goods are cyanides and the Class 8 dangerous goods are acids and Class 7. Store away from acids.
ADG UN Number	3262
ADG Proper Shipping Name	CORROSIVE SOLID, BASIC, INORGANIC, N.O.S.
ADG Transport Hazard Class	8
ADG Packing Group	III
Hazchem Code	2X
IERG Number	37

Section 15 - Regulatory Information

Poisons Schedule	S5
Australia (AICS/AIIC)	All components listed.

Section 16 - Any Other Relevant Information

Date of Preparation	3/11/2024
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 Globally Harmonised System of classification and labelling of chemicals GHS7
Signature of Preparer/Data Service	Technical manager Tel: (03) 9450 4555
Technical Contact Numbers	Emergency Advice All Hours: Chief Chemist Tel: (03) 9450 4555 Mon-Fri 8am - 6pm Poisons Information Centre: 13 11 26 - 24hrs
Other Information	This SDS summarises at the date of issue our best knowledge of the health and safety hazard information of the product, and in particular how to safely handle and use the product in the Workplace. Please refer to the technical datasheet (Instructions for use), and the label on the drum. The company cannot anticipate or control the individual working conditions encountered and so each user should read this SDS carefully, and if in doubt ring the Contact Point Number given below. ...End Of MSDS...

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