

Safety Data Sheet

LAUNDRY SOAP POWDER



Prepared to GHS Rev05, NOHSC:1008(2004) and ADG 7th ed.

Revision 3

Issue date: April 2015

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1. IDENTIFICATION

Herbon Laundry Soap Powder

Product Name: Laundry Soap Powder

Use: Soap powder

UN Number: None allocated

Proper Shipping Name: NONE ALLOCATED

Dangerous Goods Class: None allocated

Subsidiary risk: None allocated

Packing Group: None allocated

Hazchem Code: None allocated

Poison Schedule: None allocated

Manufacturer/Supplier Name:

Herbon Natural Products
8 Kambouris Court,
Corio,
Victoria 3214,
Australia

Phone: +61 3 5275 5010

Fax: +61 3 5275 5151

email: sales@herbon.com.au

ABN: 46 105 180 443

Emergency Telephone Number

+61 428 821 153

2. HAZARD(S) IDENTIFICATION

Hazard/Danger classification of the substance or mixture:

Health	Environmental	Physical
Eye irritation (Category 2)	None	None

Classified as **hazardous** according to criteria of NOHSC. **Not** classified as **dangerous goods** according to the ADG Code.

HAZARD CATEGORY: Irritant (Xi)

Risk and Safety Phrases:

R36, S2, S9, S24/25, S26, S28, S62 (Full description in Section 15)

Signal Word: Warning

Label elements

Pictograms

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GHS07 Health Hazards

Hazard Statements

H319 Causes serious eye irritation

Precautionary Statements

P101 If medical advice is needed, have product container or label at hand.
P102 Keep out of reach of children.
P260 Do not breathe dust.
P262 Do not get in eyes, on skin, or on clothing.
P301+P330+P331 IF SWALLOWED: rinse mouth. Do NOT induce vomiting.
P302+P352 IF ON SKIN: Wash with plenty of soap and 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.
P307+P311 IF exposed: Call a POISON CENTER or doctor/physician.
P403 Store in a well ventilated place.

3. COMPOSITION / INFORMATION ON INGREDIENTS

SUBSTANCE NAME	Proportion	CAS Number
SODIUM CARBONATE	Greater than 60%	497-19-8
FATTY AMINE (Below Cutoff)	1 to 10%	Proprietary
SODIUM BICARBONATE	1 to 10%	144-55-8
WATER AND OTHER NON-HAZARDOUS SUBSTANCES	1 to 10%	Proprietary
ALKALINE SALTS (Below Cutoff)	1 to 10%	Proprietary
EUCALYPTUS OIL	Less than 1%	Proprietary

4. FIRST-AID MEASURES

Swallowed:

If swallowed, DO NOT induce vomiting. Wash mouth out with water. Give 2 - 3 glasses of water to drink. Immediately transport to hospital or doctor.

Eye:

If dust enters the eyes, flush with plenty of water for at least 15 minutes, ensuring eye lids are held open. Immediately transport to hospital or doctor.

Skin:

If dust is falls onto the skin, remove any contaminated clothing and wash skin thoroughly with soap and water. If irritation persists transport to hospital or doctor.

Inhaled:

Remove victim to fresh air. Do not use mouth-to-mouth method if victim inhaled the substance; induce artificial respiration with the aid of a pocket mask equipped with a one-way valve or other proper respiratory medical device. Administer oxygen if breathing is difficult.

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First Aid Facilities:

Eye wash fountain, safety shower and normal wash room facilities.

Advice to Doctor:

Treat symptomatically.

In case of poisoning, contact Poisons Information Centre

In Australia call Tel: 13 11 26

In New Zealand Tel: 0800 764 766

5. FIRE-FIGHTING MEASURES

Fire/Explosion Hazard

EXTINGUISHING MEDIA: Use dry chemical, carbon dioxide, foam or water fog.

SPECIAL FIRE FIGHTING PROCEDURES: Self-contained breathing apparatus (SCBA) required for fire-fighting personnel. If possible to do so safely, shut off fuel to fire. Use water spray to spray to cool fire-exposed surfaces and to protect personnel.

UNUSUAL FIRE AND EXPLOSION HAZARDS: If tanks, drums or containers of this material are heated, they may rupture and project corrosive materials over a wide area.

Flammability

This material is not a combustible or flammable solid. However, under certain conditions this material, if sufficiently distributed in air and a suitable source of ignition is present, may cause a dust explosion.

6. ACCIDENTAL RELEASE MEASURES

CAUTION ! This material is corrosive. Avoid generating dusts. Wear suitable protective equipment as highlighted in this SDS. 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.

7. HANDLING AND STORAGE

Store in a cool place and out of direct sunlight. Store away from sources of heat or ignition, alkalis, acids, combustibles and oxidizing agents. All equipment must be earthed. Store in original packages as approved by manufacturer. For further information please refer to the Engineering Controls of this SDS.

8. EXPOSURE CONTROLS / PERSONAL PROTECTION

Exposure Standards

No exposure standards are available for this product, however, the following exposure standards have been assigned by the National Occupational Health & Safety Commission (NOHSC) to the following components of the product:

SODIUM CARBONATE

(Worksafe Australia)

[TWA]10 mg/m³

FATTY AMINE (Below Cutoff)

No exposure standards have been assigned by the National Occupational Health & Safety Commission (NOHSC)

SODIUM BICARBONATE

No exposure standards have been assigned by the National Occupational Health & Safety Commission (NOHSC)

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WATER AND OTHER NON-HAZARDOUS SUBSTANCES

No Exposure details available

ALKALINE SALTS (Below Cutoff)

(Worksafe Australia)

[TWA]10 mg/m³

(OEL)

[TWA]2 mg/m³

EUCALYPTUS OIL

No Exposure details available

Engineering Controls

Corrosive solid. Single significant exposure may cause severe injury or even death. Maintain adequate ventilation at all times. Prevent accumulation of vapours in hollows or sumps. Eliminate any sources of ignition.

Personal Protection Equipment

GLOVES: PVC or natural rubber.

EYES: Chemical goggles or faceshield to protect eyes.

RESPIRATORY PROTECTION: Avoid breathing of dusts. The use of a respirator is not normally required, however, if high dust levels are present, then the use of a suitable dust mask or half-face respirator with a P1 filter is recommended.

All respirators must comply with AS/NZS 1715 and AS/NZS 1716.

9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance:	White powder with a eucalyptus odour
Boiling Point Melting Point:	Not Available
Vapour Pressure:	Not Available
Specific Gravity:	1,02 - 1,15 g/cm ³
Flash Point:	Not Available
Flammability Limits:	Not Available
Solubility in Water:	Complete
pH (1% solution):	10,2 - 10,7

10. STABILITY AND REACTIVITY

STABILITY:

Stable under normal conditions of use.

HAZARDOUS DECOMPOSITION PRODUCTS:

Emits choking and corrosive fumes when heated to decomposition.

HAZARDOUS POLYMERIZATION:

Will not occur.

INCOMPATIBILITIES:

Strong bases, aluminium, zinc, magnesium and oxidizing agents.

CONDITIONS TO AVOID:

Heat and incompatibles.

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11. TOXICOLOGICAL INFORMATION

POTENTIAL HEALTH EFFECTS

Swallowed:

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.

Eye:

Will cause irritation to the eyes, with effects including tearing, pain, stinging and blurred vision. These effects are considered to be of a short acting nature and no long term injury is anticipated, if the product is removed promptly.

Skin:

Will cause irritation to the skin, with effects including redness, itchiness, and drying/defatting.

Inhaled:

Mists from the product may cause irritation to the nose, throat and respiratory system with effects including cough, discomfort, difficulty breathing and shortness of breath.

Chronic:

Prolonged or repeated skin contact may lead to dermatitis.

Prolonged contact may cause severe eye irritation and some form of permanent eye damage may occur.

Additional information for Chronic

No significant long term exposure effects, including carcinogenic, mutagenic, teratogenic and reproductive effects, have been reported. However, repeated ingestion of some phosphates (120-240mg/kg/day) has been shown to cause increased calcium excretion and soft tissue calcification in man.

TOXICOLOGY

Sodium Carbonate:

Eye: Severe irritant (50 mg, rabbit).

Skin: Mild irritant (500 mg/24hr, rabbit). Minor irritation may occur on abraded skin. Not a sensitizer (tested at 0.25% solution).

Oral: LD50, rat: 4,090 mg/kg Inhalation: LC50, rat, 2hr 2.3 mg/l 24 – hour LC50: 800 mg/m³ , 20 h exposure (guinea pig) (moderate toxicity)

12. ECOLOGICAL INFORMATION

Sodium Carbonate:**Toxicity:***Acute ecotoxicity:*

96 – hour LC50: 265 – 565 mg/l (daphnia magna) (low toxicity)

300 – 320 mg/l (blue gill sunfish) (low toxicity)

96 – hourTLm: 1200 mg/l (mosquito-fish)

48 – hourTLm: 840 mg/l (mosquito-fish)

48 – hour EC50: 265 mg/l (daphnia magna)

5 Day EC 50: 242 mg/l (Nitszcherialinearisis)

Chronic ecotoxicity:

7 Day EC, biomass: 14 mg/l (phytoplankton)

Persistence and Degradability:*Abiotic degradation:*

Water (hydrolysis): degradation's products: carbonate (pH>10) / carbonic acid / carbon dioxide (pH<6)

Soil: Hydrolysis as a function of pH.

Biotic degradation:

No data available

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Bio-accumulation Potential:

No data available

Mobility in Soil:

No data available

Other adverse effects:

No data available

Results of PBT/vPvB Assessment:

No data available

13. DISPOSAL CONSIDERATIONS

Refer to appropriate authority in your State. Dispose of material through a licensed waste contractor. Advise of corrosive nature. Normally suitable for disposal by approved waste disposal agent.

14. TRANSPORT INFORMATION

UN Number: None allocated

Proper Shipping Name: NONE ALLOCATED

Dangerous Goods Class: None allocated

Subsidiary risk: None allocated

Packing Group: None allocated

Hazchem Code: None allocated

Not classified as a Dangerous Good according to the Australian Code for the Transport of Dangerous Goods by Road and Rail (ADG Code) 7th Edition. Not classified as a Dangerous Good according to the UN, DOT(US), ICAO(IATA) or IMO(IMDG).

15. REGULATORY INFORMATION

Poison Schedule (SUSMP6): None allocated

HAZARD CATEGORY: Irritant (Xi)

RISK PHRASES

R36 Irritating to eyes.

SAFETY PHRASES

S2 Keep out of reach of children.

S9 Keep container in a well ventilated place.

S22 Do not breathe dust.

S24/25 Avoid contact with skin and eyes.

S26 In case of contact with eyes, rinse immediately with plenty of water and contact a doctor or Poisons Information Centre.

S28 After contact with skin, wash immediately with plenty of water.

S62 If swallowed, do not induce vomiting; Seek medical advice immediately and show this container or label.

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16. OTHER INFORMATION

Previous Revisions

First issued June 2004

Second revision March 2010

Contact Point

AFTER HOURS:

Tania Dragojlovic

Mobile: +61 428 821 153

Disclaimer

This SDS summarises our best knowledge of this product at the date of issue. However, we shall not be liable for any inaccuracy in the information or for any loss, injury or damage what so ever or how so ever arising, which may result from its use.

Our responsibility for products sold is subject to our standard conditions of sale, a copy of which is available upon request.