

Section 1 – Identification of the Material and Supplier

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Chemical Nature: Water soluble sachet of ingredients
Product Name: **SACHET MAGIC: LAUNDRY DETERGENT - BIO**
Product Use: Laundry Detergent
Creation Date: October, 2013
This version issued: October, 2016 and is valid for 5 years from this date.

Section 2 – Hazards Identification

GHS Pictogram

GHS05: Corrosion
GHS07: Exclamation mark



GHS Signal word: DANGER

HAZARD CLASSIFICATION

Serious eye damage.

HAZARD STATEMENT:

H302: Harmful if swallowed.
H315: Causes skin irritation.
H318: Causes serious eye damage.

PREVENTION

P102: Keep out of reach of children.
P264: Wash contacted areas thoroughly after handling.
P280: Wear protective clothing, eye/ face protection.

RESPONSE

P301+P312+P330+P331: IF SWALLOWED: Call a POISON CENTRE or doctor if you feel unwell. Rinse mouth. Do NOT induce vomiting
P362: Take off contaminated clothing and wash before reuse.
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.
P332+P313: If skin irritation occurs: Get medical advice.
P337+P313: If eye irritation persists: Get medical advice.
P370+P378: Not combustible. Use extinguishing media suited to burning materials.

STORAGE

P403+P233: Store in a well-ventilated place. Keep container tightly closed.

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Poisons Information Centre: 13 11 26 from anywhere in Australia, (0800 764 766 in New Zealand)

DISPOSAL

P501: Dispose of small quantities and empty containers by transferring to a suitable container and arrange for collection by specialised disposal company.

Emergency Overview

Physical Description & Colour: White powder.

Odour: Ocean fresh.

Major Health Hazards: Harmful if swallowed. Causes skin irritation. Causes serious eye damage. May produce an allergic reaction (Contains subtilisin, citronellol, geraniol, hexyl cinnamaldehyde).

SUSMP Classification: S5 (CAUTION).

Potential Health Effects**Inhalation:**

There may be irritation of the throat with a feeling of tightness in the chest. Absorption through the lungs can occur causing symptoms similar to those of ingestion.

Skin Contact:

There may be irritation and redness at the site of contact.

Eye Contact:

There may be pain and redness. The eyes may water profusely. There may be severe pain. The vision may become blurred. May cause permanent damage.

Ingestion:

There may be soreness and redness of the mouth and throat. Nausea and stomach pain may occur. There may be difficulty swallowing. There may be vomiting.

Delayed / immediate effects: Immediate effects can be expected after short-term exposure.

Carcinogen Status:

SWA: No significant ingredient is classified as carcinogenic by SWA.

NTP: No significant ingredient is classified as carcinogenic by NTP.

IARC: No significant ingredient is classified as carcinogenic by IARC.

Section 3 – Composition/Information on Ingredients

Ingredients	CAS No	Conc. %	TWA (mg/m ³)	STEL (mg/m ³)
Sodium Carbonate	497-19-8	30-50	not set	not set
Sodium dodecylbenzene sulphonate	25155-30-0	10-30	not set	not set
Alcohols, C6-C12 Ethoxylated	68439-45-2	1-10	not set	not set
Alcohol Ethoxylates AE7	64425-86-1	1-10	not set	not set
Sodium Silicate	13870-28-5	1-10	not set	not set
Sodium Carbonate Peroxide	15630-89-4	1-10	not set	not set
Subtilisin	9014-01-1	<1	not set	not set
Geraniol	106-24-1	<1	not set	not set
Citronellol	106-22-9	<1	not set	not set
Hexyl cinnamaldehyde	101-86-0	<1	not set	not set

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This is a commercial product whose exact ratio of components may vary slightly. Minor quantities of other non-hazardous ingredients are also possible.

The SWA TWA exposure value is the average airborne concentration of a particular substance when calculated over a normal 8 hour working day for a 5 day working week. The STEL (Short Term Exposure Limit) is an exposure value that may be equalled (but should not be exceeded) for no longer than 15 minutes and should not be repeated more than 4 times per day. There should be at least 60 minutes between successive exposures at the STEL. The term "peak" is used when the TWA limit, because of the rapid action of the substance, should never be exceeded, even briefly.

Section 4 – First Aid Measures

General Information: You should call The Poisons Information Centre if you feel that you may have been poisoned, burned or irritated by this product. The number is 13 1126 from anywhere in Australia (0800 764 766 in New Zealand) and is available at all times. Have this SDS with you when you call.

Inhalation: If irritation occurs, contact a Poisons Information Centre, or call a doctor. Remove source of contamination or move victim to fresh air. If breathing is difficult, oxygen may be beneficial if administered by trained personnel, preferably on a doctor's advice. In severe cases, symptoms of pulmonary oedema can be delayed up to 48 hours after exposure.

Skin Contact: Wash gently and thoroughly with warm water (use non-abrasive soap if necessary) for 10-20 minutes or until product is removed. Under running water, remove contaminated clothing, shoes and leather goods (e.g. watchbands and belts) and completely decontaminate them before reuse or discard. If irritation persists, repeat flushing and seek medical attention.

Eye Contact: Immediately flush the contaminated eye(s) with lukewarm, gently flowing water for 20 minutes or until the product is removed, while holding the eyelid(s) open. Take care not to rinse contaminated water into the unaffected eye or onto the face. Obtain medical attention immediately. Take special care if exposed person is wearing contact lenses.

Ingestion: If swallowed, do NOT induce vomiting. Wash mouth with water and contact a Poisons Information Centre, or call a doctor.

Section 5 – Fire Fighting Measures

Extinguishing Media: Suitable extinguishing media for the surrounding fire should be used. Use water spray to cool containers.

Exposure Hazards: In combustion emits toxic fumes.

Fire Fighting: If a significant quantity of this product is involved in a fire, call the fire brigade.

Advice for Fire-Fighters: Wear self-contained breathing apparatus. Wear protective clothing to prevent contact with skin and eyes.

Section 6 – Accidental Release Measures

Personal Precautions: Mark out the contaminated area with signs and prevent access to unauthorised personnel. Do not attempt to take action without suitable protective clothing – see section 8 of SDS. Do not create dust.

Environmental Precautions: Do not discharge into drains or rivers.

Clean-up Procedures: Transfer to a closable, labelled salvage container for disposal by an appropriate method.

Section 7 - Handling and Storage

Handling Requirements: Avoid direct contact with the substance. Ensure there is sufficient ventilation of the area. Avoid the formation or spread of dust in the air.

Storage Conditions: Store in cool, well-ventilated area. Keep container tightly closed.

Suitable Packaging: Must only be kept in original packaging.

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Storage Quantity Limits: No limit

Section 8 – Exposure Controls and Personal Protection

The following Australian Standards will provide general advice regarding safety clothing and equipment:

Respiratory equipment: **AS/NZS 1715**, Protective Gloves: **AS 2161**, Occupational Protective Clothing: AS/NZS 4501 set 2008, Industrial Eye Protection: **AS1336** and **AS/NZS 1337**, Occupational Protective Footwear: **AS/NZS2210**.

SWA Exposure Limits	TWA (mg/m ³)	STEL (mg/m ³)
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Exposure limits have not been established by SWA for any of the significant ingredients in this product.

No special equipment is usually needed when occasionally handling small quantities. The following instructions are for bulk handling or where regular exposure in an occupational setting occurs without proper containment systems.

Ventilation: Ensure there is sufficient ventilation of the area.

Eye Protection: Protective glasses or goggles must be worn when this product is being used. Failure to protect your eyes may lead to severe harm to them or to general health. Emergency eye wash facilities must also be available in an area close to where this product is being used.

Skin Protection: Prevent skin contact by wearing impervious gloves, clothes and, preferably, apron. Make sure that all skin areas are covered. See below for suitable material types.

Protective Material Types: We suggest that protective clothing be made from the following materials: rubber, Viton, nitrile, butyl rubber, Barricade, neoprene, Teflon, polyethylene, PE/EVAL, Saranex, Responder.

Respirator: Usually, no respirator is necessary when using this product. However, if you have any doubts consult the Australian Standard mentioned above.

Eyebaths or eyewash stations and safety deluge showers should be provided near to where this product is being handled commercially.

Environmental: No special requirements.

Section 9 – Physical and Chemical Properties

Physical Description:	Powder
Colour:	White
Odour:	Characteristic odour
Water Solubility:	Highly soluble
Melting Point/Range:	> 100 °C
Specific gravity:	0.9 g/cc
pH:	Approx. 10.40 (1% Solution)

Section 10 – Stability and Reactivity

Chemical Stability: Stable under normal conditions.

Reactivity: Stable under recommended transport or storage conditions.

Conditions to Avoid: Heat.

Materials to Avoid: Strong oxidising agents. Strong acids.

Hazardous Decomposition Products: In combustion emits toxic fumes.

Hazardous Reactions: Hazardous reactions will not occur under normal transport or storage conditions.

Decomposition may occur on exposure to conditions or materials listed above.

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Section 11 – Toxicological Information

Sodium Carbonate

ORL	MUS	LD50	6600 mg/Kg
ORL	RAT	LD50	4090 mg/Kg
SCU	MUS	LD50	2210 mg/Kg

Subtilisin

ORL	RAT	LD50	3700 mg/Kg
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Relevant hazards for substance

Effect	Route	Basis
Acute toxicity (Ac. Tox. 4)	ING	Hazardous: Calculated
Skin corrosion/irritation	DRM	Hazardous: Calculated
Serious eye damage/irritation	OPT	Hazardous: Calculated

Classification of Hazardous Ingredients

Ingredient	Hazard Statements
Sodium Carbonate	H319: Causes serious eye irritation.
Sodium dodecylbenzene sulphonate	H315: Causes skin irritation. H318: Causes serious eye damage. H302: Harmful if swallowed.
Alcohols, C6-C12 Ethoxylated	H318: Causes serious eye damage. H302: Harmful if swallowed.
Alcohol Ethoxylates AE7	H318: Causes serious eye damage. H302: Harmful if swallowed.
Sodium Silicate	H319: Causes serious eye irritation.
Sodium Carbonate Peroxide	H302: Harmful if swallowed. H319: Causes serious eye irritation. H315: Causes skin irritation. H270: May cause or intensify fire; oxidizer.
Subtilisin	H315: Causes skin irritation. H318: Causes serious eye damage. H335: May cause respiratory irritation. H334: May cause allergy or asthma symptoms or breathing difficulties if inhaled.
Geraniol	H315: Causes skin irritation. H319: Causes serious eye irritation. H317: May cause an allergic skin reaction.
Citronellol	H315: Causes skin irritation. H319: Causes serious eye irritation. H317: May cause an allergic skin reaction.
Hexyl cinnamaldehyde	H317: May cause an allergic skin reaction.

Section 12 – Ecological Information

Eco-toxicity values: No data available.

Mobility: No data available.

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Persistence and Degradability: Biodegradable.

Bio-accumulative Potential: No bioaccumulation potential.

PBT identification: This product is not identified as a PBT/vPvB substance.

Other Adverse Effects: Negligible Eco toxicity.

Section 13 – Disposal Considerations

Disposal Operations: Transfer to a suitable container and arrange for collection by specialised disposal company.

Disposal of Packaging: Dispose of as normal industrial waste.

Section 14 – Transport Information

ADG Code: This product is not classified as a Dangerous Good. No special transport conditions are necessary unless required by other regulations.

Section 15 – Regulatory Information

AICS: All of the significant ingredients in this formulation are compliant with NICNAS regulations.

Section 16 – Other Information

This SDS contains only safety-related information. For other data see product literature.

Emergency Contact: Phone 13 11 26 (Australia wide)

Acronyms:

ADG Code	Australian Code for the Transport of Dangerous Goods by Road and Rail (7 th edition)
AICS	Australian Inventory of Chemical Substances
SWA	Safe Work Australia, formerly ASCC and NOHSC
CAS number	Chemical Abstracts Service Registry Number
Hazchem Code	Emergency action code of numbers and letters that provide information to emergency services especially fire-fighters
IARC	International Agency for Research on Cancer
NOS	Not otherwise specified
NTP	National Toxicology Program (USA)
R-Phrase	Risk Phrase
SUSMP	Standard for the Uniform Scheduling of Medicines & Poisons
UN Number	United Nations Number

Please read all labels carefully before using product.

The information provided in this Safety Data Sheet is correct to the best of our knowledge, information and belief at the date of its publication. The information given is designed only as guidance for safe handling, use, processing, storage, transportation, disposal and release and is not to be considered a warranty or quality specification. The information relates only to the specific material designated and may not be valid for such material used in combination with any other materials or in any process, unless specified in the text.

This SDS is prepared in accord with the SWA document “Code of Practice for the Preparation of Safety Data Sheets for Hazardous Chemicals” (February 2016).

End of Safety Data Sheet

SAFETY DATA SHEET

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