

## SAFETY DATA SHEET

According to 1907/2006/EC, Article 31

Version No: 0

Revision Date: 6/04/2023

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### 1. IDENTIFICATION OF THE MATERIAL AND SUPPLIER

Product Name: EC Concentrated Laundry Liquid 1 L – Sensitive

Other Name(s):

Pack Size	Codes	EAN/UPC Code
1L	FM141013 ES1	9 310692 122913

Recommended Use: Laundry liquid for garment washing

Supplier: Natures Organics Pty Ltd

Address: 31 Cornhill Street  
Ferntree Gully  
VIC 3156

Telephone: +613 9759 0300

Emergency Telephone: +613 9759 0300 (8 am to 5 pm EST)

### 2. HAZARDS IDENTIFICATION

GHS Classification of the substance or mixture: This substance / preparation is classified as hazardous according to the GHS of Classification and Labelling of Chemicals, 7<sup>th</sup> Edition.

Classification of the substance or mixture: EYE Damage – Category 1

GHS label elements

Hazard pictograms:



Signal word: DANGER

Hazard statement: H318 Causes serious eye damage.

Precautionary statements: P280 Wear eye protection / face protection.

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 CENTRE/doctor.

### 3. COMPOSITION/INFORMATION ON INGREDIENTS

<u>Chemical Name</u>	<u>CAS Number</u>	<u>Proportion (%)</u>
Caprylyl/Capryl Glucoside	68515-73-1	< 30
Sodium Carbonate	497-19-8	<10
Sodium Coco-Sulfate	68955-19-1	<10
Ethanol	64-17-5	<10
Fragrance	-	<1
Benzisothiazolinone	2634-33-5	<0.05
Ingredients determined not to be hazardous	-	To 100%

The authorities of the European Community have selected 26 fragrance ingredients which are considered to be potential allergens. If any of these 26 fragrance ingredients are determined to be present at a level of 10 ppm (= 0.001%) or more in a leave-on personal care product or at a level of 100 ppm (= 0.01%) or more in a rinse-off personal care product or detergent product, then they must be included as an ingredient on the product label if the product is to be sold in the European Community. Whilst Australian legislation and regulations for personal care products and detergent products does not require such ingredient disclosure, it is provided below in the interests of transparency and to assist consumers in making an informed choice.

*Fragrance ingredients which are considered to be potential allergens present in the product at a level of 100 ppm (=0.01%) or more*

None – the fragrance is deemed to be hypoallergenic

### 4. FIRST AID MEASURES

Ingestion:	Rinse mouth out with water. Do not induce vomiting. Give plenty of water to drink. If irritation develops and persists, seek medical advice or contact the Poisons Information Centre (phone Australia 13 1126, NZ 0800 764 766).
Eye:	Immediately hold eyes open and flush with water for at least 15 minutes. If irritation persists, seek medical advice.
Skin:	Wipe off excess with tissue or towel. Remove contaminated clothing. Wash well with water. Seek medical advice if irritation occurs.
Inhaled:	Not applicable.
First Aid Facilities:	Workcover recommended first aid facilities appropriate to the size of the workplace.
Advice to Doctor:	Treat symptomatically.

### 5. FIRE FIGHTING MEASURES

Extinguishing media:	Water spray or fog. Foam, dry chemical powder or carbon dioxide extinguishers.
Hazards from combustion products:	This mixture is not combustible under normal conditions. However, it will break down under fire conditions and the hydrocarbon component will burn. In a large fire, heating may produce toxic fumes containing carbon monoxide, carbon dioxide, sulfur dioxide and nitrogen oxides.
Personal protective equipment:	Fire fighters to wear self-contained breathing apparatus and suitable protective clothing.
Hazchem code:	None assigned.

## 6. ACCIDENTAL RELEASE MEASURES

Emergency procedures: Slippery when spilt. Avoid accidents, clean up immediately. Wear appropriate protective equipment during clean-up.

Methods and materials for containment and clean up: Contain spill to prevent contamination of drains / waterways. Use absorbent material such as sand or earth. Collect and seal in properly labelled containers for disposal in accordance with local regulations. Wash area down with water to remove residual material.

## 7. HANDLING AND STORAGE

Precautions for safe handling: Follow product label directions. Avoid eye contact. Repeated or prolonged skin contact should be avoided.

Conditions for safe storage: Store in original containers in a cool (below 30°C), dry, well-ventilated area and out of direct sunlight. Store away from foodstuffs and foodstuff containers.

Storage incompatibility: None known.

## 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

National exposure standards: Australia <sup>(1)</sup>

Ingredient	CAS No. <sup>(a)</sup>	TWA		STEL		Carcinogen Category	Notices
		ppm <sup>(b)</sup>	mg/m <sup>3</sup> <sup>(c)</sup>	ppm <sup>(b)</sup>	mg/m <sup>3</sup> <sup>(c)</sup>		
Ethanol	64-17-5	1000	1880	-	-	-	-

where:

TWA = Time Weighted average

STEL = Short Term Exposure Limit

<sup>(1)</sup> Safe Work Australia Workplace Exposure Standards for Airborne Contaminants 1/10/2022

<sup>(a)</sup> CAS No. (Chemical Abstracts Service) is a unique identifying number that is assigned to each chemical.

<sup>(b)</sup> Parts of vapour or gas per million of contaminated air by volume at 25°C and 1 atm.

<sup>(c)</sup> Milligrams of substance per cubic metre of air.

Sk Absorption through the skin may be a significant source of exposure.

Biological limit values: Not available.

Engineering controls: None under normal use conditions.

Personal protective equipment: Eyes: The wearing of eye protection when handling the neat product in industrial situations is recommended.

Hands: Wear nitrile or rubber gloves.

Respiratory: Not normally a hazard due to the non-volatile nature of the product.

Other: Always wash hands before smoking, eating, drinking or using the toilet.

## 9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance: Clear pale straw coloured viscous liquid.

Odour: Floral fruity fragrance

pH (neat): 10.1 – 10.8

Vapour Pressure (kPa)	Not available
Boiling Point (°C)	Approximately 100°C (water)
Melting Point (°C)	< 0°C
Solubility in Water	Readily soluble
Specific Gravity	Approximately 1.096 @ 20°C
Flash Point (°C)	Not applicable
Flammability Limits	Not flammable
Ignition Temperature	Not available
Specific Heat Value	Not available
VOC Content	< 1%
Evaporation Rate	Not available
Viscosity	Approximately 400 cps @ 20°C
Volatile Component	Not available
Saturated Vapour Pressure	Not available
Decomposition Temperature	Not available

## 10. STABILITY AND REACTIVITY

Chemical stability:	Stable under normal conditions.
Conditions to avoid:	Excessive heat and direct sunlight.
Incompatible materials:	None known.
Hazardous decomposition products:	Thermal degradation may produce carbon monoxide, carbon dioxide, sulfur dioxide and nitrogen oxides.
Hazardous reactions:	None known.

## 11. TOXICOLOGICAL INFORMATION

Potential health effects:

### Acute

Swallowed:	The oral ATE (Acute Toxicity Calculation) has been calculated to be >5000 mg/kg, so the product is <b>not</b> considered to be toxic via ingestion according to GHS criteria. May cause irritation if directly introduced to the mouth, throat and stomach. Symptoms may include abdominal pain, nausea, vomiting and diarrhoea.
Eye:	The eye irritation Category 1 score has been determined to be > 1, so the product is considered by GHS to cause Category 1 eye damage. Expected to cause moderate to severe irritation to the eyes, including redness and stinging, which may lead to irreversible damage to the eyes.

**Skin:** The dermal ATE (Acute Toxicity Calculation) has been calculated to be >5000 mg/kg, so the product is **not** considered to be toxic via skin contact according to GHS criteria.  
 The skin irritation Category 2 score has been determined to be < 1, so the product is considered by GHS **not** to be a Category 2 skin irritant. Repeated or prolonged skin contact may lead to irritation.  
 No ingredients trigger a skin sensitization response at the levels contained in the product.

**Inhaled:** The inhalation ATE (Acute Toxicity Calculation) has been calculated to be >20 mg/L, so the product is **not** considered to be toxic via inhalation according to GHS criteria.

**Chronic** Not considered to exhibit any form of chronic toxicity including carcinogenicity, mutagenicity, reproductive toxicity or specific organ toxicity.

**12. ECOLOGICAL INFORMATION**

**Ecotoxicity:** The product has not been tested for ecotoxicity, but the below statements have been derived from a summation of all substances in the formula based on the GHS criteria.  
 Hazardous to the aquatic environment, acute hazard - Category 3

H402 Harmful to aquatic life.  
 P273 Avoid release to the environment.  
 P501 Dispose of contents in accordance with local regulations.

Ingredient	DID No. <sup>(2)</sup>	LC <sub>50</sub> /EC <sub>50</sub>	NOEC
Caprylyl/Capryl Glucoside	2134	28 mg/L	1.75 mg/L
Sodium Coco-Sulfate	2006	15 mg/L	0.419 mg/L
Sodium Oleate	2025	22 mg/L	10 mg/L

**Persistence and Degradability** The surfactants contained in this product are classified as readily biodegradable according to OECD criteria.

**Mobility** No information available.

**Other** Avoid contaminating waterways.

**13. DISPOSAL CONSIDERATIONS**

**Waste disposal:** Dispose of in accordance with Commonwealth, State and Local Government regulations. Small to moderate quantities can be disposed of to approved sewer or trade waste systems connected to wastewater treatment.  
 Large quantities by incineration or burial in an approved landfill.

**14. TRANSPORT INFORMATION**

Not classified as Dangerous Goods according to the Australian Code for the Transport of Dangerous Goods by Road and Rail.

**UN Number:** None  
**Proper Shipping Name:** None  
**Dangerous Goods Class:** None

Subsidiary Risk: None  
Pack Group: None  
Hazchem Code: None  
Marine Pollutant: No  
Special precautions for user: None

## 15. REGULATORY INFORMATION

Poisons Schedule: None.  
All components of this product are listed on the Australian Inventory of Chemical Substances (AICS).

## 16. OTHER INFORMATION

For Emergencies: Australian Poisons Information Centre – phone 13 1126  
New Zealand Poisons Information Centre – phone 0800 764 766  
Prepared By: Andrew Gowty  
R&D Manager  
Issue Date: 06/04/2023  
Version No: 2  
Supersedes: 1  
Reason for Revision: Revision to GHS 7

### References:

<sup>(2)</sup> Detergent Ingredient Database (DID) List:

<http://ec.europa.eu/environment/ecolabel/documents/Calculation%20Sheet%20cosmetics.xlsx>

The LC<sub>50</sub>/EC<sub>50</sub> and NOEC values quoted are those contained in the DID List

This SDS summarises to our best knowledge the health and safety hazard information for the product and general guidance on how to safely handle the product in the workplace. Each user must, prior to usage, assess and control the risks arising from its use of the product in the workplace, including in conjunction with other products. This information is presented in good faith and is based on current data considered to be correct to the best of our knowledge.

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