

SAFETY DATA SHEET

According to 1907/2006/EC, Article 31

Version No: 7

Revision Date: 3/05/2021

Print Date: 3/05/2021

1. IDENTIFICATION OF THE MATERIAL AND SUPPLIER

Product Name:	Earth Choice Dishwashing Liquid			
Other Name(s):	Variant	External code	Internal code	Barcode
	Lemon Fresh 1L	FM141003	ECD	9310692 111115
	Lemon Fresh 1L (China)	FM141004	CED	9310692 111115
	Lemon Fresh 450mL	FM140402	C4L	9310692 111153
	Aloe Fresh 1L	FM141018	EDA	9310692 111214
	Aloe Fresh 1L (China)	FM141002	CEA	9310692 111214
	Aloe Fresh 450mL	FM140403	C4A	9310692 111252
Recommended Use:	Manual dishwashing liquid			
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, Third Revision.

Classification of the substance or mixture: EYE IRRITATION – Category 2A

GHS label elements

Hazard pictograms:



Signal word: WARNING

Hazard statement(s):	H319	Causes serious eye irritation.
Precautionary statements:	P264	Wash hands thoroughly after handling.
	P280	Wear protective gloves and eye 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.

3. COMPOSITION/INFORMATION ON INGREDIENTS

<u>Chemical Name</u>	<u>CAS Number</u>	<u>Proportion (%)</u>
Sodium Laureth Sulfate	68585-34-2	< 10%
Coco-Glucoside	110615-47-9	< 10%
Cocamidopropyl Betaine	61789-40-0	< 1%
Cocamine Oxide	61788-90-7	< 1%
Methylchloroisothiazolinone (and) Methylisothiazolinone	55965-84-9	< 0.1%
Ingredients determined not to be hazardous		Balance 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.

<i>Variant</i>	<i>Fragrance ingredients which are considered to be potential allergens present in the product at a level of 100 ppm (=0.01%) or more</i>		
Lemon Fresh	Limonene (d- and l-Limonene)	CAS 5989-27-5	0.027%
Aloe Fresh	None more than 100ppm		

4. FIRST AID MEASURES

Ingestion:	Rinse mouth with water. Do not induce vomiting. Give plenty of water to drink. Contact a doctor or the Poisons Information Centre (phone Australia 13 1126; New Zealand 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. If irritation occurs, seek medical advice.
Inhaled:	Remove to fresh air. No data for health effects associated with long term inhalation.
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 oxides of carbon and nitrogen as well as sulfur compounds.
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 personal protective equipment during clean-up.

Methods and materials for containment and clean up: Contain spill to prevent contamination of drains / water ways. 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: Avoid skin and eye contact. Use in well ventilated areas.

Conditions for safe storage: Store in original containers in a cool, dry, well ventilated area and out of direct sunlight. Recommended storage temperature range is between 0°C and 30°C. Store away from foodstuffs, foodstuff containers and incompatible materials such as strong oxidising agents.

Storage incompatibility: Strong oxidising agents.

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

National exposure standards: Australia ⁽¹⁾

Ingredient	CAS No. ^(a)	TWA		STEL		Carcinogen Category	Notices
		ppm ^(b)	mg/m ³ ^(c)	ppm ^(b)	mg/m ³ ^(c)		
-	-	-	-	-	-	-	-

where:

TWA = Time Weighted average

STEL = Short Term Exposure Limit

⁽¹⁾ Worksafe Australia Exposure Standard for Atmospheric Contaminants in Occupational Environment [NOHSC:1003 1995]

^(a) CAS No. (Chemical Abstracts Service) is a unique identifying number that is assigned to each chemical.

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

^(c) 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 viscous liquid (variant specific) Lemon variant: clear pale yellow viscous liquid Aloe variant: clear pale green viscous liquid
Odour	Characteristic fragrance (variant specific) Lemon variant: lemon fragrance Aloe variant: aloe fragrance
pH (neat product)	Approximately 5.2
Vapour Pressure (kPa)	Not available
Boiling Point (°C)	Approximately 100°C
Melting Point (°C)	Not available
Solubility in Water	Completely
S. G. @ 20°C	Approximately 1.031 @ 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 (cps) @ 20°C	Approximately 3,500 cps
Volatile Component	Approximately 88%
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:	Strong oxidising agents.
Hazardous decomposition products:	Oxides of carbon and nitrogen as well as sulfur compounds.
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 not 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 vomiting, abdominal pain, diarrhoea and nausea.
Eye:	The eye irritation Category 2A score has been determined to be > 1, so the product is considered by GHS to cause Category 2A eye irritation. May cause mild to moderate irritation to the eyes, including redness and stinging.
Skin:	The dermal ATE (Acute Toxicity Calculation) has been calculated to be > 5000 mg/kg, so the product is not considered to be acutely toxic (category 4) 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. Due to the presence of Methylchloroisothiazolinone (and) Methylisothiazolinone at a concentration below 0.0015%, this product is not classified as causing an allergic skin reaction. Repeated or prolonged skin contact may lead to irritation.
Inhaled:	Not normally a hazard due to the non-volatile nature of the product.
<u>Chronic</u>	No information available.

12. ECOLOGICAL INFORMATION

Ecotoxicity:	Classified according to GHS as hazardous to the aquatic environment, acute hazard Category 3 (10 < LC50 < 100). The product itself has not been tested, however the product has been classified via summation of all ingredients contained in the product.																				
	<table><thead><tr><th>Ingredient</th><th>DID No. ⁽²⁾</th><th>LC₅₀ / EC₅₀</th><th>NOEC</th></tr></thead><tbody><tr><td>Sodium Laureth Sulfate</td><td>2008</td><td>7.1</td><td>1.90</td></tr><tr><td>Coco-Glucoside</td><td>2136</td><td>8.7</td><td>1.75</td></tr><tr><td>Cocamidopropyl Betaine</td><td>2202</td><td>0.9</td><td>0.14</td></tr><tr><td>Cocamine Oxide</td><td>2206</td><td>0.13</td><td>0.07</td></tr></tbody></table>	Ingredient	DID No. ⁽²⁾	LC ₅₀ / EC ₅₀	NOEC	Sodium Laureth Sulfate	2008	7.1	1.90	Coco-Glucoside	2136	8.7	1.75	Cocamidopropyl Betaine	2202	0.9	0.14	Cocamine Oxide	2206	0.13	0.07
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Persistence and Degradability	The surfactants contained in this product are classified as readily biodegradable according to OECD criteria or Australian Standard AS4351.																				
Mobility	No information available.																				
Other	Avoid contaminating waterways.																				

13. DISPOSAL CONSIDERATIONS

Waste disposal:	Dispose of by incineration or burial in an approved landfill in accordance with Commonwealth, State and Local Government regulations.
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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: Not scheduled.

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: Greg Bryant
Chief Operations Chemist

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Reason for Revision: Revisions to Sections 1, 3, 6, 9, 11 and 16

References:

⁽²⁾ Detergent Ingredient Database (DID) List:

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

The LC₅₀/EC₅₀ and NOEC values quoted in this SDS are those contained in the DID List unless otherwise noted in Section 12.

This MSDS 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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