

## SAFETY DATA SHEET

According to 1907/2006/EC, Article 31

Version No: 3

Revision Date: 31/03/2017

Print Date: 13/09/2017

### 1. IDENTIFICATION OF THE MATERIAL AND SUPPLIER

Product Name:	Earth Choice Dishwash 1L				
Other Name(s):	Lemon	ECD	FM141003	FP1041	9310692 111115
	Lemon (China)	CED	FM141004	FP1041L	9310692 111115
	Aloe	EDA	FM141018	-	9310692 111214
	Aloe (China)	CEA	FM141002	FP1040L	9310692 111214
Recommended Use:	Hand dishwashing detergent.				
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: SERIOUS EYE DAMAGE – Category 1  
SKIN IRRITATION – Category 2

#### GHS label elements

Hazard pictograms:



Signal word:	DANGER	
Hazard statements:	H318	Causes serious eye damage.
	H315	Causes skin irritation.
Precautionary statements:	P264	Wash hands thoroughly after handling.
	P280	Wear eye protection and protective gloves.
	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 or doctor.
	P302+P352	IF ON SKIN: Wash with plenty of soap and water.

P332+P313

If skin irritation occurs: Get medical advice/attention.

P362

Take off contaminated clothing and wash before re-use.

### 3. COMPOSITION/INFORMATION ON INGREDIENTS

<u>Chemical Name</u>	<u>CAS Number</u>	<u>Proportion (%)</u>
Water	7732-18-5	> 60
Sodium Dodecylbenzene Sulfonate	25155-30-0	10 - 30
Sodium Laureth Sulfate	68603-42-9	< 10
Cocamide DEA	61790-63-4	< 10
Sodium Citrate	6132-04-3	< 10
Aloe Vera Extract	85507-69-3	< 10
Fragrance	-	< 1
Benzisothiazolinone	2634-33-5	< 0.1
CI 42090	3844-45-9	< 0.1

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.

*Variant*

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

Lemon	Limonene (d- and l-Limonene)	CAS 5989-27-5	0.027%
Aloe	-		

### 4. FIRST AID MEASURES

Ingestion:	Rinse mouth with water. Do not induce vomiting. Give plenty of water to drink. If irritation 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. If irritation occurs, seek medical advice.
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, carbon dioxide.  
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 personal protective equipment during cleanup.  
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: Avoid skin and eye contact.  
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, foodstuff containers and incompatible materials such as oxidising agents.  
Storage incompatibility: Incompatible with strong oxidising agents.

## 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>		
-	-	-	-	-	-	-	-

where:

TWA = Time Weighted average

STEL = Short Term Exposure Limit

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

<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: Use in well ventilated areas.

Personal protective equipment: Eyes: Wear eye protection when handling the neat product.  
Hands: Wear suitable gloves for prolonged exposure.  
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 slightly viscous liquid. The Lemon variant is a yellow colour. The Aloe variant is a pale green colour.
Odour	The Lemon variant has a lemon fragrance. The Aloe variant has a floral fragrance.
pH (neat)	6.5 – 7.5
Vapour Pressure (kPa)	Not available
Boiling Point (°C)	Approximately 100°C (water)
Melting Point (°C)	Not available
Solubility in Water	Readily soluble
Specific Gravity	Approximately 1.023 @ 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)	Approximately 1000 cps @ 20°C
Volatile Component	83%
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:	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: May cause irritation if directly introduced to the mouth, throat and stomach. Symptoms may include abdominal pain, nausea, vomiting and diarrhoea.

Oral LD50 (rat):	Ingredient	Oral LD <sub>50</sub> (rat)	Dermal LD <sub>50</sub> (rabbit)
	Sodium Dodecylbenzene Sulfonate	> 1000 mg/kg	> 2000 mg/kg
	Sodium Laureth Sulfate	> 2000 mg/kg	> 2000 mg/kg
	Cocamide DEA	> 5000 mg/kg	> 2000 mg/kg

Eye: Irritating to eyes.

Skin: Repeated or prolonged skin contact may lead to irritation.

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

Chronic No information available.

## 12. ECOLOGICAL INFORMATION

Ecotoxicity:	Ingredient	LC50 (fish)	EC50 (algae)
	Sodium Dodecylbenzene Sulfonate	6 mg/L	6.9 mg/L
	Sodium Laureth Sulfate	2.3 mg/L	> 5 - 37 mg/L
	Cocamide DEA	< 10 mg/L	< 10 mg/L
Persistence and Degradability	The surfactants contained in this product are classified as readily biodegradable according to OECD criteria 301B or 301D.		
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.

## 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: Greg Bryant  
Chief Chemist  
Issue Date: 31/03/2017  
Revision No: 3  
Supersedes: Revision 2 dated 21/06/2013  
Reason for Revision: Update to GHS format

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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