



SAFETY DATA SHEET

According to 1907/2006/EC, Article 31

Version No: 8

Revision Date: 14/06/2019

Print Date: 31/10/2019

1. IDENTIFICATION OF THE MATERIAL AND SUPPLIER

Product Name: Earth Choice Ultra Concentrate Dishwashing Liquid

Other Name(s):
Green Tea & Lime 500 mL EGT FM140501 FP0526 9310692 112150
Lemon & Basil 500 mL ELB FM140502 FP0527 9310692 112259
Lemongrass & Ginger 500ml E5L FM140506 - 9310692 112655
Green Tea & Lime 900 mL EG9 FM140901 FP0910 9310692 112198
Lemon Burst 500mL E5B FM140507 - 9310692 112952
Red Apple 500ml E5R FM140508 - 9310692 112051

Note Pomegranate 500 mL, Blood Orange & Pomegranate 500mL and Naked 500mL are no longer distributed
Naked variant was a different formula

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: EYE IRRITATION – Category 2A
SKIN IRRITATION – Category 2
Hazardous to the aquatic environment - acute: Cat. 2

GHS label elements



Hazard pictograms:

Signal word: DANGER

Hazard statements: H319 Causes serious eye irritation.

H315 Causes skin irritation.

Precautionary P264 Wash hands thoroughly after handling.

statements:	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>
Ingredients not classified as hazardous	-	> 60
Sodium Laureth Sulfate	68585-34-2	10 - < 30
Coco-Glucoside	110615-47-9, 68515-73-1	< 10
Cocoamidopropyl Betaine	61789-40-0	<10
Fragrance*	-	< 1
Benzisothiazolinone	2634-33-5	< 0.1
Methychloroisothiazolone/ Methylisotiazolinione 3:1	55965-84-9	<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

Green Tea & Lime	Limonene (d- and l-Limonene)	CAS 5989-27-5	0.013%
Lemon & Basil	Hexyl Cinnamal	CAS 101-86-0	0.043%
	Benzyl Salicylate	CAS 118-58-1	0.023%
	Linalool	CAS 78-70-6	0.017%
	Butylphenyl Methylpropional	CAS 80-54-6	0.013%
	Citronellol	CAS 106-22-9	0.012%
Lemon Burst	Limonene (d- and l-Limonene)	CAS 5989-27-5	0.012%
Lemongrass & Ginger	Citral	CAS 5392-40-5	0.125%
Red Apple	No listed allergens present at more than 100ppm (=0.01%)		

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 and sulfur dioxide.

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 and acids.

Storage incompatibility: Incompatible with strong oxidising agents and acids

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:	Use in well ventilated areas.
Personal protective equipment:	Eyes: Wear eye protection. Hands: Wear suitable 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 slightly viscous liquid. The Green Tea & Lime variant is a green colour. The Lemon & Basil and Lemon Burst variants is a yellow colour.
Odour	The Green Tea & Lime variant has a citrus fragrance. The Lemon & Basil and Lemon Burst variants have a lemon fragrance.
pH (neat)	All variants 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 1.044 @ 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 1300 cps @ 20°C
Volatile Component	Approximately 76%
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 and acids.
Hazardous decomposition products:	Thermal degradation may produce carbon monoxide, carbon dioxide and sulfur dioxide.
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 LD ₅₀ (rat):	Ingredient	Oral LD ₅₀ (rat)	Dermal LD ₅₀ (rabbit)

	Sodium Laureth Sulfate	> 2000 mg/kg	> 2000 mg/kg
	Coco Glucoside	> 2000 mg/kg	> 2000 mg/kg
	Cocamidopropyl Betaine	2335 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.		
<u>Chronic</u>	No information available.		

12. ECOLOGICAL INFORMATION

Ecotoxicity:	Classified according to GHS as hazardous to the aquatic environment, acute hazard Category 2 ($1 < LC_{50} < 10$). The product itself has not been tested, however the product has been classified via summation of all ingredients contained in the product.		
	Ingredient	DID No. ⁽²⁾	LC ₅₀ / EC ₅₀
	Sodium Laureth Sulfate	2008	7.1
	Coco-Glucoside	2136	8.7
	Cocamidopropyl Betaine	2202	0.9
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: 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

Issue Date: 14/6/2019

Revision No: 8

Supersedes: Revision 7 dated 31/1/2019

Reason for Revision: New variants, revised formula.

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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