

## SAFETY DATA SHEET

According to 1907/2006/EC, Article 31

Version No: 7

Revision Date: 28/04/2021

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### 1. IDENTIFICATION OF THE MATERIAL AND SUPPLIER

Product Name:	Earth Choice Toilet Cleaner			
Other Name(s):	Aqua Fresh	FM140710	ECT	9310692 130178
	Lavender	FM140708	LAV	9310692 130277
	Lavender (CHINA)	FM140709	CLT	9310692 130277
Recommended Use:	Toilet bowl cleaner			
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: H319 Causes serious eye irritation.

Precautionary statements:

P264	Wash hands thoroughly after handling.
P280	Wear protective gloves and eye protection.
P337+P313	If eye irritation persists: Get medical advice/attention.
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>
Cocamidopropyl Betaine	61789-40-0	< 10%
Citric Acid	77-92-9	< 10%
Sodium Laureth Sulfate	9004-82-4	< 10%
Ethanol	64-17-5	< 1%
Fragrance	-	< 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.

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

Aqua Fresh:	Limonene (d- and l-Limonene)	CAS 5989-27-5	0.012%
Lavender:	Limonene (d- and l-Limonene)	CAS 5989-27-5	0.012%
	Linalool	CAS 78-70-6	0.020%

### 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, 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 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, dry, well-ventilated area and out of direct sunlight. Recommended storage temperature range is between 0°C and 30°C. 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> 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: None under normal use conditions.

Personal protective equipment: Eyes: Safety glasses recommended.

Hands: Nitrile gloves recommended.

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	Variant	Colour
	Aqua Fresh	Bright blue clear slightly viscous liquid.
Odour	Lavender	Purple clear slightly viscous liquid.
	Variant	Fragrance
pH (neat)	Aqua Fresh	Citrus/eucalyptus
	Lavender	Lavender
Vapour Pressure (kPa)	Approximately 2.5	
Boiling Point (°C)	Not available	
Melting Point (°C)	Approximately 100°C (water)	
Solubility in Water	Not available	
Specific Gravity	Readily soluble	
Flash Point (°C)	Approximately 1.023 @ 20°C	
Flammability Limits	Not applicable	
Ignition Temperature	Not flammable	
Specific Heat Value	Not available	
VOC Content	Not available	
Evaporation Rate	< 1%	
Viscosity	Not available	
Volatile Component	Approximately 950 cps	
Saturated Vapour Pressure	Approximately 89%	
Decomposition Temperature	Not available	

## 10. STABILITY AND REACTIVITY

Chemical stability:	Stable under normal conditions.
Conditions to avoid:	Excessive heat and direct sunlight.
Incompatible materials:	Aluminium, copper, zinc, steel, potassium tartrate, oxidizing agents, alkalis, alkaline earth carbonates and bicarbonates, metal nitrates, acetates, cyanides and sulfides.
Hazardous decomposition products:	Carbon monoxide, carbon dioxide, sulfur dioxide, hydrogen cyanide 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 **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.

Ingredient	Oral LD <sub>50</sub> (rat)	Dermal LD <sub>50</sub> (rabbit)
Cocamidopropyl Betaine	> 1500 mg/kg	> 2000 mg/kg
Citric Acid	5400 mg/kg	> 2000 mg/kg
Sodium Laureth Sulfate	4100 mg/kg	≥ 2000 mg/kg

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.

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

Chronic No information available.

## 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 with known ecotoxicities in the product based on the GHS criteria:

Hazardous to the aquatic environment - acute: Category 2

Not considered to be a chronic hazard to the environment.

H401 Toxic 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
Cocamidopropyl Betaine	2202	0.925	0.135
Sodium Laureth Sulfate	2009	4.6	0.14

Persistence and Degradability: The surfactants contained in this product are classified as readily biodegradable when tested according to OECD methods.

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 Operations Chemist  
Issue Date: 29/04/2021  
Version No: 7  
Supersedes: Version No: 6 dated 20/06/2018  
Reason for Revision: Updates to Sections 1, 2, 3, 7, 8, 9, 11, 12 and 16

### 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 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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