

SAFETY DATA SHEET

According to 1907/2006/EC, Article 31

Version No: 6

Revision Date: 20/06/2018

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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
Eucalyptus	FM140705	EUT	9310692 130376

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: SERIOUS EYE DAMAGE – Category 1
SKIN IRRITATION – Category 2

GHS label elements

Hazard pictograms:



Signal word: DANGER

Hazard statement: H318 Causes serious eye damage.
H315 Causes skin irritation.

Precautionary statements:

P264	Wash hands thoroughly after handling.
P102	Keep out of reach of children.
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.
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>
Sodium Laureth Sulfate	9004-82-4	< 10
Cocamidopropyl Betaine	61789-40-0	< 10
Glycolic Acid	79-14-1	< 10
Non Hazardous Materials		Balance

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%
Eucalyptus	None		

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 (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 ⁽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: 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.
	Lavender	Purple clear slightly viscous liquid.
Odour	Variant	Fragrance
	Aqua Fresh	Citrus/eucalyptus
	Lavender	Lavender
	Eucalyptus	Eucalyptus
pH (neat)	1.5 – 2.5	
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 1.026 @ 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 700 cps	
Volatile Component	80 – 90%	
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:	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: Irritating if directly introduced to the mouth, throat and stomach. Overexposure by ingestion may result in corrosion of mucous membrane with stomach discomfort, nausea, prostration, vomiting, diarrhoea and abnormal kidney function.

	Ingredient	Oral LD ₅₀ (rat)	Dermal LD ₅₀ (rabbit)
	Sodium Laureth Sulfate	> 2000 mg/kg	> 2000 mg/kg
	Cocamidopropyl Betaine	2335 mg/kg	> 2000 mg/kg
	Glycolic Acid	2040 mg/kg	Not available
Eye:	Irritating if directly introduced into eyes with tearing or blurring of vision. Higher exposure may cause eye corrosion with corneal or conjunctival ulceration.		
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:	Ingredient	LC50 (fish) 96 hr	EC50 (algae) 72 hr
	Sodium Laureth Sulfate	2.3 mg/L	Not available
	Cocamidopropyl Betaine	1.75 – 10 mg/L	2.4 mg/L
	Glycolic Acid	164 mg/L	21.6 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: Elias Belmonte
Chief Chemist

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Reason for Revision: Inclusion of the new Eucalyptus variant

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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