



SAFETY DATA SHEET

According to 1907/2006/EC, Article 31

Version No: 4

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1. IDENTIFICATION OF THE MATERIAL AND SUPPLIER

Product Name	Earth Choice Fabric Softener			
Other Name(s)	1L	FM141009	ECF	9310692 151111
	1 L (for export to China)	FM141010	CEF	9310692 151111
Recommended Use	Fabric softener			
Supplier	Natures Organics Pty Ltd			
Address	31 Cornhill Street Ferntree Gully VIC 3156			
Telephone	+613 9759 0300			
Emergency Telephone	+613 9759 0300			

2. HAZARDS IDENTIFICATION

GHS Classification of the substance or mixture:	This substance / preparation is NOT classified as hazardous according to the GHS of Classification and Labelling of Chemicals, Third Revision.
Classification of the substance or mixture:	Non-hazardous
<u>GHS label elements</u>	
Hazard pictograms:	-
Signal word:	-
Hazard statements:	-
Precautionary statements:	-

3. COMPOSITION / INFORMATION ON INGREDIENTS

<u>Chemical Name</u>	<u>CAS Number</u>	<u>Proportion (%)</u>
Ethanol	64-17-5	< 10
Ingredients determined not to be hazardous	-	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 in the table below in the interests of transparency and to assist consumers in making an informed choice.

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

None – the fragrance is deemed to be hypoallergenic

4. FIRST AID MEASURES

Ingestion	Rinse mouth with water. Do not induce vomiting. Give plenty of water to drink. Seek medical advice or contact 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.
Inhalation	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 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 carbon dioxide, carbon monoxide, sulfur dioxide and oxides of nitrogen.
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.
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	Follow product label directions. 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 acids, alkalis and strong oxidizing agents.
Storage incompatibility	Acids, alkalis and strong oxidizing 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)		
Ethanol	64-17-5	1000	1880	-	-	-	-

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: Not required under normal conditions of use. For industrial applications, wear eye protection.

Clothing: Not required under normal conditions of use. For industrial applications, 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	Opaque pale blue slightly viscous liquid
Odour	Characteristic floral fragrance
pH (undiluted)	Approximately 2.6
Vapour Pressure (kPa)	Not available
Boiling Point	Approximately 100°C (water)
Melting Point	Not available
Solubility in water	Readily dispersible
Specific Gravity	Approximately 0.998 @ 20°C
Flash Point (°C)	Not applicable
Flammability Limits	Not flammable
Ignition temperature (°C)	Not available
Specific heat value	Not available
VOC content	< 1 %
Evaporation rate	Not available
Viscosity	Approximately 425 cps @ 20°C
Volatile component (%)	Approximately 95%
Saturated vapour pressure	Not available
Decomposition temperature	Not available

10. STABILITY AND REACTIVITY

Chemical stability	Stable under normal conditions.
Conditions to avoid	Excessive heat.
Incompatible materials	Acids, alkalis, strong oxidising agents.
Hazardous decomposition products	Thermal degradation may produce toxic fumes containing carbon dioxide, carbon monoxide, sulfur dioxide and oxides of nitrogen.
Hazardous reactions	Not 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.	
	Ingredient	Oral LD ₅₀ (rat)
	Methyl triethanol ammonium methyl sulphate dialkyl ester	11300 mg/kg
	Ethanol	7060 mg/kg

Eye

Irritating to eyes.

Skin

Repeated or prolonged skin contact may lead to irritation.

Inhaled

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

Chronic

No information available.

12. ECOLOGICAL INFORMATION

Ecotoxicity:	Ingredient	LC50 (fish) 96 hr	EC50 (daphnia) 48 hr
	Methyl triethanol ammonium methyl sulphate dialkyl ester	6430 mg/L	85 mg/L
	Ethanol	> 100 mg/L	7.7 – 11.2 mg/L
Persistence and Degradability	The active ingredient is classified as readily biodegradable when tested according to OECD Method 301C.		
Mobility	No information available.		
Other	Avoid contaminating waterways.		

13. DISPOSAL CONSIDERATIONS

Waste disposal	Dispose of by incineration, to trade waste or burial in an approved landfill in accordance with Commonwealth, State and Local Government regulations. Small quantities can go to the sewer.
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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
UN proper shipping name	None
Dangerous Goods Class	None
Subsidiary Risk	None
Packing group	None
Special precautions for user	None
Hazchem Code	None

15. REGULATORY INFORMATION

All components of this product are listed on the Australian Inventory of chemical substances (AICS).

Poisons Schedule	None
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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	26/10/2017
Version No	4
Supersedes	Version No 3 dated 24/01/2014
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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