

## SAFETY DATA SHEET

According to 1907/2006/EC, Article 31

Version No: 3

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### 1. IDENTIFICATION OF THE MATERIAL AND SUPPLIER

Product Name	Earth Choice Ultra Concentrate Fabric Softener			
Other Name(s)	Cherry Blossom	FM141019	EFB	9310692 154518
	Wild Orchid & Magnolia	FM141021	EFO	9310692 154716
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 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 SENSITISER – Category 1

GHS label elements

Hazard pictograms:



Signal word:	WARNING	
Hazard statements:	H319	Causes serious eye irritation.
	H317	May cause an allergic skin reaction.
Precautionary statements:	P264	Wash hands thoroughly after handling.
	P280	Wear protective gloves and eye protection.
	P261	Avoid breathing mist/vapours/spray.
	P302 + P352	IF ON SKIN: Wash with plenty of water.
	P333 + P313	If skin irritation or rash occurs: 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.
	P337 + P313	If eye irritation persists: Get medical advice / attention.
	P363	Wash contaminated clothing before reuse.
	P501	Dispose of contents/container in accordance with Commonwealth, State and Local Government regulations

### 3. COMPOSITION/INFORMATION ON INGREDIENTS

Chemical Name	CAS Number	Proportion (%)
Fatty Acids, C16-18 and C18 Unsaturated, Reaction Products with Triethanolamine, Di-Me Sulfate Quaternized	91995-81-2	10 – 30%
Ethanol	64-17-5	< 10%
Fragrance	-	< 10%
Benzisothiazolinone	2634-33-5	< 0.1%
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 in the table below in the interests of transparency and to assist consumers in making an informed choice.

<i>Variant</i>	<i>Fragrance ingredients which are considered to be potential allergens present in the product at a level of 100 ppm (=0.01%) or more</i>	
Cherry Blossom	Linalool	78-70-6 0.149%
	Limonene (d- and l-Limonene)	5989-27-5 0.062%
	Citronellol	106-22-9 0.028%
	Coumarin	91-64-5 0.028%
	Hexyl Cinnamal	101-86-0 0.020%
	Citral	5392-40-5 0.014%
Wild Orchid & Magnolia	Linalool	78-70-6 0.050%
	Butylphenyl Methylpropional (Lilial)	80-54-6 0.026%

### 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 oxides of carbon and nitrogen as well as sulfur compounds.
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	Avoid skin and eye contact
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, 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 <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: 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 white liquid
Odour	Floral / Characteristic
pH (undiluted)	Approximately 2.45
Vapour Pressure (kPa)	Not available
Boiling Point	Approximately 100°C (water)
Melting Point	Not available
Solubility in water	Readily dispersible
Specific Gravity	Approximately 0.9975 @ 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 270 cps @ 20°C
Volatile component (%)	Approximately 17.5%
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 oxides of carbon and nitrogen as well as sulfur compounds.
Hazardous reactions	Not 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.

#### Eye

The eye irritation Cat 2A score has been determined to be < 1, so the product is considered by GHS **not** to be an eye irritant. However, if eye contact occurs the product may cause mild 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 to be a Category 2 skin irritant.

Due to the presence of fragrance at a concentration of 1% or above, this product may cause an allergic skin reaction.

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:

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:

Not considered to be an acute hazard to the environment.

Hazardous to the aquatic environment - chronic: Category 3

H402 Harmful to aquatic life with long lasting effects.

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
	Ester Quat	2304	0	0.69
	Fragrance	2549	2	0
	Benzisothiazolinone	2401	0.11	0.04
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.

### 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

### 16. OTHER INFORMATION

For Emergencies                      Australian Poisons Information Centre – phone 13 1126  
New Zealand Poisons Information Centre – phone 0800 764 766

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Reason for Revision                      Revisions to Sections 1, 2, 3, 7, 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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