

SAFETY DATA SHEET

According to 1907/2006/EC, Article 31

Version No: 3

Revision Date: 24/10/2017

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1. IDENTIFICATION OF THE MATERIAL AND SUPPLIER

Product Name:	Earth Choice Shower Cleaner		
Other Name(s):	FM140602	ES6	9310692 131168
Recommended Use:	Shower 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
SKIN IRRITATION – Category 2

GHS label elements

Hazard pictograms:



Signal word: WARNING

Hazard statement(s):	H319	Causes serious eye irritation.
	H315	Causes skin irritation.
Precautionary statements:	P264	Wash hands thoroughly after handling.
	P280	Wear protective gloves and eye protection.
	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.
	P302+P352	IF ON SKIN: Wash with plenty of soap and water.
	P332+P313	If skin irritation occurs: Get medical advice/attention.

3. COMPOSITION/INFORMATION ON INGREDIENTS

<u>Chemical Name</u>	<u>CAS Number</u>	<u>Proportion (%)</u>
Ingredients determined not to be hazardous	-	> 60
Coco-Glucoside	110615-47-9	< 10
Sodium Coco-Sulfate	68955-19-1	< 10

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.

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

Limonene (d- and l-Limonene)	CAS 5989-27-5	0.024%
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4. FIRST AID MEASURES

Ingestion:	Rinse mouth with water. Do not induce vomiting. Give plenty of water to drink. Contact a doctor or 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.
Inhaled:	Remove to fresh air. No data for health effects associated with long term inhalation.
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 during clean-up.

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. Use in well ventilated areas.

Conditions for safe storage: Store in original containers in a cool, dry, well ventilated area and out of direct sunlight. Store away from foodstuffs, foodstuff containers and incompatible materials.

Storage incompatibility: Keep away from aluminium, copper, zinc, steel, potassium tartrate, alkalis, alkaline earth carbonates and bicarbonates, metal nitrates, acetates and sulfides.

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: Wear eye protection.
- Hands: Wear nitrile or rubber gloves.
- Respiratory: Use in a well ventilated area. Avoid breathing atomiser sprays.
- Other: Always wash hands before smoking, eating, drinking or using the toilet.

9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance: Clear orange mobile liquid

Odour: Orange fragrance

pH (neat product): 2.0 – 2.5

Vapour Pressure (kPa): Not available

Boiling Point (°C): Approximately 100°C (water)

Melting Point (°C): Not available

Solubility in Water: Miscible

S. G. @ 20°C	Approximately 1.041 @ 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) @ 20°C	Approximately 10 cps
Volatile Component	Approximately 87%
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:	Potassium tartrate, alkalies, alkaline earth carbonates and bicarbonates, metal nitrates, acetates and sulfides.
Hazardous decomposition products:	Oxides of carbon and nitrogen as well as sulfur compounds.
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 vomiting, abdominal pain, diarrhoea and nausea.		
Oral LD50 (rat):	Ingredient	Oral LD ₅₀ (rat)	Dermal LD ₅₀ (rabbit)
	Coco Glucoside	> 2000 mg/kg	> 2000 mg/kg
	Sodium Coco-Sulfate	> 2000 mg/kg	> 10000 mg/kg
Eye:	May cause mild to moderate irritation to the eyes, including redness and stinging.		
Skin:	Repeated or prolonged skin contact may lead to irritation.		
Inhaled:	Due to the product's acidity, breathing in spray mists may lead to irritation of the nose, mouth and mucous membranes and cause coughing and discomfort.		
<u>Chronic</u>	No information available.		

12. ECOLOGICAL INFORMATION

Ecotoxicity:	Ingredient	LC50 (fish)	EC50 (algae)
	Coco-Glucoside	1 – 10 mg/L	10 – 100 mg/L
	Sodium Coco-Sulfate	10 – 20 mg/L	117 mg/L
Persistence and Degradability	The surfactants contained in this product are classified as readily biodegradable according to OECD criteria.		
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 None
Class:
Subsidiary Risk: None
Pack Group: None
Hazchem Code: None
Marine Pollutant: No
Special precautions for None
user:

15. REGULATORY INFORMATION

Poisons Schedule: Not scheduled.

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
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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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