

SAFETY DATA SHEET

According to 1907/2006/EC, Article 31

Version No: 6

Revision Date: 23/06/2023

Print Date: 8/08/2023

1. IDENTIFICATION OF THE MATERIAL AND SUPPLIER

Product Name: Earth Choice Bath & Shower Cleaner 600 mL
 Other Name(s): ES6 FM140602 WT1433 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, 7th Edition.

Classification of the substance or mixture: EYE DAMAGE - Category 1
 FLAMMABLE LIQUID – Category 3

GHS label elements

Hazard pictograms:



Signal word: DANGER

Hazard statement(s): H318 Causes serious eye damage.
 H226 Flammable Liquid & Vapour

Precautionary statements: P210 Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking.
 P280 Wear eye protection/face protection.
 P305+351+P338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue Rinsing.
 P303+361+353 IF ON SKIN (or hair): Take off immediately all contaminated clothing and rise with plenty of water [or shower].
 P310 Immediately call a doctor or local emergency advice line for further medical advice

3. COMPOSITION/INFORMATION ON INGREDIENTS

<u>Chemical Name</u>	<u>CAS Number</u>	<u>Proportion (% w/v)</u>
Ethanol	64-17-5	< 10%
Lactic Acid	50-21-5	< 10%
Caprylyl/Capryl Glucoside	68515-73-1	< 10%
Laureth-8	68439-50-9	< 10%
Cocamine Oxide	61788-90-7	< 10%
Fragrance	-	< 0.5%
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.

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

Linalool	CAS 78-70-6	0.0115%
Limonene (d- and l-Limonene)	CAS 5989-27-5	0.0101%

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:	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.
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. Wear suitable gloves, protective eyewear and protective clothing. 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 direct heat, sparks, aluminium, copper, zinc, steel, potassium tartrate, alkalis, alkaline earth carbonates and bicarbonates, metal nitrates, acetates and sulphides.

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⁾ Safe Work Australia Workplace Exposure Standards for Airborne Contaminants 1/10/2022

^(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: The wearing of eye protection when handling the neat product in industrial situations is recommended.

Hands: Wear nitrile or rubber gloves.

Respiratory: Ensure adequate ventilation when handling the neat product in industrial situations.

Other: Always wash hands before smoking, eating, drinking or using the toilet.

9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance: Clear orange mobile liquid

Odour: Citrus fragrance

pH (neat product): Approximately 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 0.990@ 20°C
Flash Point (°C)	57.5°C, does not sustain combustion
Flammability Limits	Not flammable
Ignition Temperature	Not available
Specific Heat Value	Not available
VOC Content	< 3%
Evaporation Rate	Not available
Viscosity (cps) @ 20°C	Approximately 10 cps
Volatile Component	Approximately 97%
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:	Strong acids, alkalis and oxidizing agents.
Hazardous decomposition products:	Oxides of carbon and nitrogen.
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.
Eye	The eye irritation Category 2/2A score has been determined to be > 1, so the product is considered by GHS to cause Category 2/2A eye irritation. May cause serious irritation to the eyes, including redness and stinging. The irritation will be reversible within 21 days.
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. This product is not classified to be a skin sensitiser. Repeated or prolonged skin contact may lead to irritation.
Inhaled	The inhalation ATE (Acute Toxicity Calculation) has been calculated to be > 20 mg/L, so the product is not considered to be toxic via inhalation according to GHS criteria. Not normally a hazard due to the non-volatile nature of the product.

Chronic

This product contains no ingredients considered by GHS to be carcinogenic, mutagenic, toxic to reproduction or which may cause damage to organs through prolonged or repeated exposure.

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 3 Not considered to be a chronic hazard to the environment. Note that these hazard categories are exempt from classification under the current Safe Work Australia Regulations. H402 Harmful to aquatic life. P273 Avoid release to the environment. P501 Dispose of contents in accordance with local regulations.
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 in accordance with Commonwealth, State and Local Government regulations. Small to moderate quantities can be disposed of to approved sewer or trade waste systems connected to waste water treatment. Large quantities by incineration or burial in an approved landfill.
-----------------	--

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:	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: Dayle Humphreys
R&D Chemist

Issue Date: 23/02/2023

Version No: 6

Supersedes: Version 5 dated 13/01/2023

Reason for Revision: Reformulation

This SDS 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.

End of document.