

## SAFETY DATA SHEET

According to 1907/2006/EC, Article 31

Version No: 1

Revision Date: 6/04/2020

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### 1. IDENTIFICATION OF THE MATERIAL AND SUPPLIER

Product Name:	Earth Choice Antibacterial Hand Wash			
Other Name(s):	Variant	External Code	Internal Code	Barcode
	Orange & Ginger 500 mL	FM140509	EA5	9310692 130758
	Orange & Ginger 4.4 L	FM144403	EAH	9310692 130741
Recommended Use:	Hand Wash			
Supplier:	Natures Organics Pty Ltd			
Address:	31 Cornhill Street Ferntree Gully VIC 3156 Australia			
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

GHS label elements

Hazard pictograms:



Signal word: WARNING

Hazard statement: H319 Causes serious eye 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.

### 3. COMPOSITION / INFORMATION ON INGREDIENTS

<u>Chemical Name</u>	<u>CAS Number</u>	<u>Proportion (%)</u>
Sodium Coco-Sulfate	97375-27-4	< 10
Coco-Glucoside	110615-47-9	< 10
Cocamidopropyl Betaine	61789-40-0	< 10
Lactic Acid	79-33-4	< 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 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>	
Orange & Ginger	Limonene (d- and l-Limonene)	CAS 5989-27-5 0.031%

#### **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 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 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:	Avoid eye contact. Follow product label directions. 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 <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>		
Glycerin mist	56-81-5	10	-	-	-	-	(d)

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.

<sup>(d)</sup> This value is for inhalable dust containing no asbestos and < 1% crystalline silica.

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: Generally not required.

Hands: Generally not required.

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	Clear orange viscous liquid
Odour	Characteristic orange and ginger fragrance
pH (neat)	Approximately 3.5
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 1.022 @ 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)	Approximately 4500 cps @ 20° C
Volatile Component	Approximately 92%
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:	None known.
Hazardous decomposition products:	Thermal degradation may produce carbon monoxide, carbon dioxide, sulfur dioxide and oxides of nitrogen.
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. The ATE has been calculated to be > 5000, so the product is not considered to be toxic according to GHS criteria.

Ingredient	Oral LD <sub>50</sub> (rat)	Dermal LD <sub>50</sub> (rabbit)
Coco Glucoside	> 2000 mg/kg	> 2000 mg/kg
Sodium Coco-Sulfate	> 2000 mg/kg	> 10000 mg/kg
Cocamidopropyl Betaine	2335 mg/kg	> 2000 mg/kg

Eye: The eye irritation Cat 2A score has been determined to be > 1, so the product is considered by GHS to cause Cat 2A eye irritation. May cause mild to moderate irritation to the eyes, including redness and stinging.

Skin: The skin irritation Cat 2 score has been determined to be < 1, so the product is considered by GHS **not** to be a skin irritant. However, 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: Classified according to GHS as hazardous to the aquatic environment, acute hazard Category 3 (10 < LC<sub>50</sub> < 100). The product itself has not been tested; however the product has been classified via summation of all ingredients contained in the product.

Ingredient	DID No. <sup>(2)</sup>	LC <sub>50</sub> / EC <sub>50</sub>	NOEC
Sodium Coco-Sulfate	2005	2.8	0.39
Coco-Glucoside	2136	8.7	1.75
Cocamidopropyl Betaine	2202	0.925	0.14

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                  None  
Class:  
Subsidiary Risk:                    None  
Pack Group:                         None  
Hazchem Code:                    None  
Marine Pollutant:                 No  
Special precautions for          None  
user:

### 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

Issued By:                          Greg Bryant  
Chief Operations Chemist

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References:

(2) 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 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 SDS**