

## SAFETY DATA SHEET

According to 1907/2006/EC, Article 31

Version No: 1

Revision Date: 16/04/2020

Print Date: 16/04/2020

### 1. IDENTIFICATION OF THE MATERIAL AND SUPPLIER

Product Name:	Earth Choice Antibacterial Surface Cleaner				
Other Name(s):	750 mL pack size	FM140715	WT1447	EA7	9310692 130673
	4.4 L pack size	FM144402	WT1447	EAS	9310692 130642
Recommended Use:	Antibacterial hard surface 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

[GHS label elements](#)

Hazard pictograms:



Signal word: WARNING

Hazard statement(s):	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>
PPG-2 Methyl Ether	34590-94-8	< 10%
PEG-8 Propylheptyl Ether	160875-66-1	< 1%
Cocamine Oxide	61788-90-7	< 1%
Benzalkonium Chloride	68424-85-1	< 1%
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.

*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	0.038%
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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.
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 acids, alkalis, and strong oxidising 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>		
PPG-2 Methyl Ether	34590-94-8	50	308	-	-	-	Sk

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

Other: the toilet.

## 9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance: Clear orange mobile liquid

Odour: Orange fragrance

pH (neat product): Approximately 8.5

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 1.007 @ 20°C
Flash Point (°C)	Not applicable
Flammability Limits	Not flammable
Ignition Temperature	Not available
Specific Heat Value	Not available
VOC Content	< 2.5%
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:	Acids, alkalis, strong oxidising agents.
Hazardous decomposition products:	Oxides of carbon and 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 abdominal pain, nausea, vomiting and diarrhoea. 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> (rat)
PEG-8 Propylheptyl Ether	300 mg/kg	Not given
Benzalkonium Chloride	426 mg/kg	1420 mg/kg
Cocamine Oxide	1500 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 < LC50 < 100), and as hazardous to the aquatic environment, chronic hazard Category 3. The product itself has not been tested; however the product has been classified via summation of all ingredients contained in the product.

	DID No. <sup>(2)</sup>	LC <sub>50</sub> /EC <sub>50</sub>	NOEC
Cocamine Oxide	2206	0.134 mg/L	0.067 mg/L
Benzalkonium Chloride	2301	0.08 mg/L	0.0068 mg/L

Persistence and Degradability: The surfactants in this product are classified as readily biodegradable when tested according to OECD Method 301B.

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 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: Greg Bryant  
Chief Operations Chemist

Issue Date: 16/04/2020

Version No: 1

Supersedes: -

Reason for Revision: New product

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.

**End of document.**