

SAFETY DATA SHEET

According to 1907/2006/EC, Article 31

Version No: 4

Revision Date: 12/04/2023

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1. IDENTIFICATION OF THE MATERIAL AND SUPPLIER

Product Name: Earth Choice Ultra Concentrate Antibacterial Orange Zest Dishwashing Liquid

Other Name(s): 500mL FM140510 WT1449 EO5 9310692 112457
900mL FM140904 WT1449 EO9 9310692 112495

Recommended Use: Manual dishwashing liquid

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 IRRITATION – Category 2/2A
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 and face thoroughly after handling.
P280 Wear eye protection/face protection and protective gloves.
P305+P351+P338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
P302+P352 IF ON SKIN: Wash with plenty of water.
P337+P313 If eye irritation persists: Get medical advice/attention.
P332+P313 If skin irritation occurs: Get medical advice/attention.
P362+P364 Take off contaminated clothing and wash before reuse.

3. COMPOSITION/INFORMATION ON INGREDIENTS

<u>Chemical Name</u>	<u>CAS Number</u>	<u>Proportion (%)</u>
Sodium Laureth Sulfate	9004-82-4	10 - < 30%
Cocamide MEA	68140-00-1	< 10%
Cocamidopropyl Betaine	61789-40-0	< 10%
Citric Acid	77-92-9	< 10%
Fragrance	-	< 1%
Methylchloroisothiazolinone (and) Methylisothiazolinone 3:1	55965-84-9	<0.0015%
Ingredients determined not to be hazardous		- Balance to 100%
<p>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.</p> <p><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></p>		
Limonene (d- and l-Limonene)	CAS 5989-27-5	0.091%

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.

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 strong oxidising agents.

Storage incompatibility: Strong oxidising agents.

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⁾ 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: 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 slightly viscous liquid

Odour: Characteristic orange fragrance

pH (neat product): Approximately 3.3

Vapour Pressure (kPa): Not available

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

Melting Point (°C): Not available

Solubility in Water: Completely

S. G. @ 20°C: Approximately 1.03 @ 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 1,000 cps
Volatile Component	Approximately 80%
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 oxidising agents.
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: 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 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 2 Hazardous to the aquatic environment - chronic: Category 3 H401 Toxic to aquatic life. H412 Harmful to aquatic life with long last effects. 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 according to OECD criteria or Australian Standard AS4351.
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.
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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 Research & Development Chemist
Issue Date:	12/04/2023
Version No:	4

Supersedes: Version No. 3 18/01/2023

Reason for Revision: Formulation Change

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.

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