

SAFETY DATA SHEET

According to 1907/2006/EC, Article 31

Version No: 3

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1. IDENTIFICATION OF THE MATERIAL AND SUPPLIER

Product Name	Earth Choice Kitchen Cleaner		
Other Name(s)	Product code	Internal code	Barcode
	FM140604	EKC	9310692 134169
Recommended Use	Kitchen surface spray cleaner. Removes grease, dirt and grime from hard surfaces in the kitchen.		
Supplier	Natures Organics Pty Ltd		
Address	31 Cornhill Street Ferntree Gully VIC 3156		
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, 7th Edition.

Classification of the substance or mixture: EYE DAMAGE - Category 1

GHS label elements

Hazard pictograms:



Signal word:	Danger	
Hazard statements:	H318	Causes serious eye damage.
Precautionary statements:	P280	Wear protective gloves and eye protection
	P305+P351+P338	IF IN EYES: Rinse continuously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. eye protection
	P310	Immediately call the local Poisons Information Centre or a doctor.

3. COMPOSITION/INFORMATION ON INGREDIENTS

<u>Chemical Name</u>	<u>CAS Number</u>	<u>Proportion (% w/v)</u>
Laureth-8	68439-50-9	< 10%
Ethanol	64-17-5	< 10%
Glycerin	56-81-5	< 10%
Cocamine Oxide	61788-90-7	< 10%
Benzisothiazolinone	2634-33-5	< 1%
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 in the table 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	0.061%
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4. FIRST AID MEASURES

Ingestion	Rinse mouth with water. Do not induce vomiting. Give plenty of water to drink. Seek medical advice or contact 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.
Inhalation	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 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.
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. Recommended storage temperature range is between 0°C and 30°C. Store away from foodstuffs, foodstuff containers and incompatible materials such as acids, alkalis and strong oxidizing agents.
Storage incompatibility	Acids, alkalis and strong oxidizing 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)		
Ethanol	64-17-5	1000	1880	-	-	-	-
Glycerin (mist)	56-81-5	-	10	(See Chapter 14)		-	-

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: Use in well ventilated areas.

Personal protective equipment: Eyes: Not required under normal conditions of use. For industrial applications, wear eye protection.

Clothing: Not required under normal conditions of use. For industrial applications, wear suitable gloves.

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 pale purple liquid
Odour	Citrus / Characteristic
pH (undiluted)	Approximately 8.4
Vapour Pressure (kPa)	Not available
Boiling Point	Approximately 100°C (water)
Melting Point	Not available
Solubility in water	Fully soluble in water
Specific Gravity	Approximately 0.9996 @ 20°C
Flash Point (°C)	Not applicable
Flammability Limits	Not flammable

Ignition temperature (°C)	Not available
Specific heat value	Not available
VOC content	< 5% w/v
Evaporation rate	Not available
Viscosity	Like water @ 20°C
Volatile component (%)	> 90% w/v
Saturated vapour pressure	Not available
Decomposition temperature	Not available

10. STABILITY AND REACTIVITY

Chemical stability	Stable under normal conditions.
Conditions to avoid	Excessive heat.
Incompatible materials	Acids, alkalis, strong oxidising agents.
Hazardous decomposition products	Thermal degradation may produce oxides of carbon and nitrogen as well as sulfur compounds.
Hazardous reactions	Not 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 abdominal pain, nausea, vomiting and diarrhoea.

Eye:

The eye damage Category 1 score has been determined to be > 1, so the product is considered by GHS to cause Category 1 eye damage.

Will cause moderate irritation to the eyes, including redness and stinging, and may cause permanent damage to the eyes.

Skin:

The dermal ATE (Acute Toxicity Calculation) has been calculated to be > 5000 mg/kg, so the product is **not** considered to be toxic 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.

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.

Do not breathe in spray mists.

Chronic

Not considered to exhibit any form of chronic toxicity including carcinogenicity, mutagenicity, reproductive toxicity or specific organ toxicity.

12. ECOLOGICAL INFORMATION

Ecotoxicity:	Classified according to GHS as hazardous to the aquatic environment, acute hazard Category 2 ($1 < LC50 < 10$ mg/L) and as hazardous to the aquatic environment ; chronic hazard Category 3 (Chronic NOEC or ECx < 1 mg/L for fish and/or crustacea and/or algae or other aquatic plants). The product itself has not been tested; however the product has been classified via summation of all ingredients contained in the product. Hazard Statements: H401 Toxic to aquatic life. H412: Harmful to aquatic life with long lasting effects. Note that the Australian WHS regulations state that these hazard categories are exempt from classification in Australia.
Persistence and Degradability	The surfactants in this product are classified as readily biodegradable when tested according to OECD Method 301.
Mobility	No information available.
Other	Avoid contaminating waterways.

13. DISPOSAL CONSIDERATIONS

Waste disposal	Dispose of by incineration, to trade waste or burial in an approved landfill in accordance with Commonwealth, State and Local Government regulations. Small quantities can go to the sewer.
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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
UN proper shipping name	None
Dangerous Goods Class	None
Subsidiary Risk	None
Packing group	None
Special precautions for user	None
Hazchem Code	None

15. REGULATORY INFORMATION

All components of this product are listed on the Australian Inventory of chemical substances (AICS).	
Poisons Schedule	None

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	5/12/2022
Version No	3
Supersedes	Version 2 dated 8/12/2017
Reason for Revision	5 year update including update to GHS 7 th Edition.

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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