

SAFETY DATA SHEET

According to 1907/2006/EC, Article 31

Version No: 4

Revision Date: 17/03/2022

Print Date: 17/03/2022

1. IDENTIFICATION OF THE MATERIAL AND SUPPLIER

Product Name: Earth Choice Multi-Purpose Cleaner
 Other Name(s): EM6 FM140601 9310692 125167
 Recommended Use: Cleaning of most hard surfaces
 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.

3. COMPOSITION/INFORMATION ON INGREDIENTS

<u>Chemical Name</u>	<u>CAS Number</u>	<u>Proportion (%)</u>
Ethanol	64-17-5	< 10%
Glycerin	56-81-5	< 10%
Coco-Glucoside	110615-47-9	< 10%
Sodium Coco-Sulfate	68955-19-1	< 10%
Benzisothiazolinone	2634-33-5	< 0.1%
Water - Purified	7732-18-5	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

None – the fragrance is deemed to be hypoallergenic

4. FIRST AID MEASURES

Ingestion:	Rinse mouth with water. Do not induce vomiting. Give plenty of water to drink. If irritation persists 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.
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 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. 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	-	-	-	-	(d)

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.

^(d) 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: 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, green mobile liquid
Odour	Characteristic
pH (neat product)	7.2
Vapour Pressure (kPa)	Not Available
Boiling Point (°C)	Approximately 100°C
Melting Point (°C)	Freezes at approximately -3°C
Solubility in Water	Readily soluble
S. G. @ 20°C	Approximately 1.0016
Flash Point (°C)	Not Available
Flammability Limits	Not Available
Ignition Temperature	Not Available
Specific Heat Value	Not Available
VOC Content	< 5%
Evaporation Rate	Not Available
Viscosity (cps) @ 20°C	Approximately 10 cps
Volatile Component	Approximately 95%
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:	Strong acids, alkalis and oxidizing agents.
Hazardous decomposition products:	In a large fire, heating may produce toxic fumes containing 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 vomiting, abdominal pain, diarrhoea and nausea.
Eye:	The eye irritation Category 2A score has been determined to be > 1, so the product is considered by GHS to cause Category 2A eye irritation. May cause mild to moderate irritation to the eyes, including redness and stinging.
Skin:	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. Due to the presence of Benzisothiazolinone at a concentration below 0.05%, this product is not classified as causing an allergic skin reaction. Repeated or prolonged skin contact may lead to irritation.

Inhaled: Do not breathe in spray mists.
Chronic

12. ECOLOGICAL INFORMATION

Ecotoxicity: **Not** classified as hazardous to the aquatic environment, acute hazard ($LC_{50} > 100$).
Not classified as hazardous to the aquatic environment, chronic hazard ($NOEC > 1$).
The product itself has not been tested, however classification of the product has been performed via summation of all ingredients contained in the product.

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. Small quantities can go to the sewer.

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: 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

Prepared By: Greg Bryant
Chief Operations Chemist

Issue Date: 17/03/2022

Revision No: 4

Supersedes: Version 3 dated 31/03/2017

Reason for Revision: Revisions to Sections 2, 3, 7, 8, 9, 11, 12, 13 and 16 due to a formulation revision and incorporating a 5 year update.

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.