



## MATERIAL SAFETY DATA SHEET

### 1. IDENTIFICATION OF THE MATERIAL AND SUPPLIER

Product Name: Earth Choice Multi-Purpose Cleaner  
Other Name(s): EM6 FP0625 Bar Code 9310692 125167  
Recommended Use: For cleaning 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

Hazard Classification: Not hazardous according to the criteria of Worksafe Australia.  
Non-dangerous goods.  
Risk Phrases: -  
Safety Phrases: S25 Avid contact with eyes.

### 3. COMPOSITION/INFORMATION ON INGREDIENTS

<u>Chemical Name</u>	<u>CAS Number</u>	<u>Proportion (%)</u>
Water - Purified	7732-18-5	> 60%
Ethanol	64-17-5	< 10%
Glycerin	56-81-5	< 10%
Sodium Methyl 2-Sulfolaurate (and) Disodium 2-Sulfolaurate	149458-07-1	< 10%
Sodium Coco-Sulfate	68955-19-1	< 1%
Sodium Citrate	6132-04-3	< 1%
Fragrance	-	< 1%
Citric Acid	77-92-9	< 1%
Benzisothiazolinone	2634-33-5	< 1%
CI 19140	1934-21-0	< 1%
CI 42090	3844-45-9	< 1%

#### **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. 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: Ethanol (< 5% in product) TWA 1000ppm (1880 mg/m<sup>3</sup>).

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)	7.0 - 8.0
Vapour Pressure (kPa)	Not Available
Boiling Point (°C)	Approximately 100°C
Melting Point (°C)	Freezes ~ -3°C
Solubility in Water	Readily soluble
S. G. @ 20°C	~ 1.0008
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	> 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: May cause irritation if directly introduced to the mouth, throat and stomach. Symptoms may include abdominal pain, nausea, vomiting and diarrhoea.

Oral LD50 (rat): No information available.

Eye: Irritating to eyes.

Skin: Not usually hazardous by skin contact. Repeated or prolonged skin contact may lead to irritation.

Inhaled: Not normally a hazard due to the non-volatile nature of the product.

### Chronic

## 12. ECOLOGICAL INFORMATION

Ecotoxicity: The following data applies to the principal active ingredient:  
The surfactant in this product (<10%) may be moderately toxic to aquatic organisms. (Acute aquatic toxicity (Rainbow Trout) (96 hr) LC<sub>50</sub> approximately 1.7 mg of active ingredient per L).

Persistence and Degradability: The active ingredient is classified as readily biodegradable when tested according to OECD Method 301D (equivalent to AS 4351.5), OECD Method 310, OECD Method 302A (equivalent to AS 4351.7) and OECD Method 301B (equivalent to AS 4351.4).

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: 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 Chemist

Issue Date: 14/01/2015

Revision No: 2

Supersedes: Revision 1, 20/01/2010

Reason for Revision: Revised palm-free formulation

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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