

MATERIAL SAFETY DATA SHEET

1. IDENTIFICATION OF THE MATERIAL AND SUPPLIER

Product Name : Earth Choice Shower Cleaner
Other Name(s) : -
Recommended Use : Shower Cleaner
Supplier : Natures Organics Pty Ltd
Address : 31 Cornhill Street
Ferntree Gully
VIC 3156
Telephone : (03) 9753 5577
Emergency Telephone : (03) 9753 5577

2. HAZARDS IDENTIFICATION

Hazard Classification : Not hazardous according to criteria of Worksafe Australia
Non-dangerous goods.
Risk Phrases : -
Safety Phrases : S25 Avoid contact with eyes.
S26 In case of contact with eyes, rinse immediately with plenty of water and contact a doctor.

3. COMPOSITION/INFORMATION ON INGREDIENTS

<u>Chemical Name</u>	<u>CAS Number</u>	<u>Proportion (%)</u>
Water	7732-18-5	> 60
Citric acid	77-92-9	< 10
Alkyl polyglycoside	110615-47-9	< 10
Cocoamine Oxide	61788-90-7	< 10
Fragrance	-	< 10

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 Poisons Information Centre (Tel No. 131126).

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, carbon dioxide.
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 carbon monoxide and carbon dioxide.
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 labeled 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. Store away from incompatible materials and foodstuff containers.
Storage incompatibility	: Keep away from aluminium, copper, zinc, steel, potassium tartrate, alkali, alkaline earth carbonates and bicarbonates, metal nitrates, acetates and sulfides.

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

National exposure standards	: No exposure standard applies for the product.
Biological limit values	: Not available.
Engineering controls	: Use in well ventilated areas.
Personal protective equipment	: Eyes: Wear eye protection. Clothing: Wear suitable gloves. Respiratory: Not normally a hazard due to non-volatile nature of product. Other: Always wash hands before smoking, eating, drinking or using the toilet.

9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance : clear, colourless, aqueous liquid
Odour : orange/citrus fragrance
pH (5 % solution) : 2.5 – 3.0
Vapour Pressure (kPa) : Not available
Boiling Point (°C) : Approximately 100 °C. (water)
Melting Point (°C) : Not available
Solubility in water : Readily soluble
Specific Gravity : ~ 1.05 @ 20°C.
Flash Point (°C) : Not applicable
Flammability Limits : Not flammable
Ignition temperature (°C) : Not available

Specific heat value : Not available
VOC content (%) : < 1
Evaporation rate : Not available
Viscosity (cps) : -
Volatile component (%) : Not available
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 : Potassium tartrate, alkalis, alkaline earth carbonates and bicarbonates, metal nitrates, acetates and sulfides.
Hazardous decomposition products : Carbon monoxide, carbon dioxide, nitrogen oxides.
Hazardous reactions : Not known.

11. TOXICOLOGICAL INFORMATION

Potential health effects :
Acute
Swallowed : Slightly irritating if directly introduced to the mouth, throat and stomach. May cause abdominal disturbances.
Eye : Irritating to eyes.
Skin : Repeated or prolonged skin contact may lead to irritation.
Inhaled : Not normally a hazard due to non-volatile nature of product.
Chronic : No information available.
Oral LD50 (rat) : Not available.

12. ECOLOGICAL INFORMATION

Avoid contaminating waterways.

13. DISPOSAL CONSIDERATIONS

Waste disposal : In accordance with local authorities.

14. TRANSPORT INFORMATION

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

Not classified as Dangerous Goods according to the Australian Code for the Transport of Dangerous Goods by Road and Rail.

15. REGULATORY INFORMATION

Poisons Schedule : None

All components of this product are listed on the Australian Inventory of chemical substances (AICS).

16. OTHER INFORMATION

This product is made from readily biodegradable surfactants according to Australian Standard AS 4351.

Date of MSDS revision : 5th March, 2007

This MSDS summarises to our best knowledge of the health and safety hazard information of 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.