

MATERIAL SAFETY DATA SHEET

1. IDENTIFICATION OF THE MATERIAL AND SUPPLIER

Product Name : Earth Choice Laundry Powder Concentrate
- Top Loader
Other Name(s) : -
Recommended Use : For washing garments
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 : Hazardous according to criteria of Worksafe Australia.
Xi: Irritant.
Non-dangerous goods.
Risk Phrases : R36/R37/R38 Irritating to eyes, respiratory system and skin.
Safety Phrases : S22 Do not breath dust.
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>
Potassium carbonate	584-08-7	30 - < 60
Sodium coco fatty alcohol sulfate	68955-19-1	< 10
Sodium aluminosilicate	1344-00-9	< 10
Sodium bicarbonate	144-55-8	< 10
Sodium citrate	6132-04-3	< 10
Bentonite	1302-78-9	< 10
Sodium lauryl sulfate	151-21-3	< 10
Alkyl polyglycoside	110615-47-9	< 10
Sodium carboxymethyl cellulose	9004-32-4	< 10
Water	7732-18-5	< 10
Fragrance	-	< 10

4. FIRST AID MEASURES

Ingestion : Rinse mouth with water. Do not induce vomiting. Give plenty of water to drink. 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	: Remove victim from exposure to fresh air. If not breathing apply artificial respiration. If breathing is difficult, give oxygen. Seek medical advice.
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 products	: This mixture is not combustible under normal combustion 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 sulfur dioxide, 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	: Clear area of all unprotected personnel. Avoid accidents, clean up immediately. Wear sufficient respiratory protection and personal protective equipment.
Methods and materials for containment and clean up	: Contain spill to prevent contamination of drains/ water ways. Vacuum or sweep up material avoiding dust generation or dampen spilled material with water to avoid airborne dust. Collect and seal in properly labeled containers for disposal in accordance with local regulations.

7. HANDLING AND STORAGE

Precautions for safe handling	: Avoid generating dust. 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. Protect from moisture and water. Store away from incompatible materials and foodstuff containers.
Storage incompatibility	: Oxidising agents, strong acids, aluminium, fluorine, magnesium and calcium oxide.

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

National exposure standards	: No exposure standard applies for the product. However, Exposure Standard (s) for nuisance dust is 10 mg/m ³
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	(8hr TWA).
Biological limit values	: Not available.
Engineering controls	: Use in well ventilated areas. If dusts are produced, local exhaust ventilation should be used.
Personal protective equipment	: Eyes: Generally not required. Clothing: Generally not required. Wear suitable gloves for prolong contact. Respiratory: Generally not required. Industrial conditions: If dust is generated, wear dust mask/respirator meeting the requirements of AS/NZS 1715 and AS/NZS 1716 is recommended. Other: Always wash hands before smoking, eating, drinking or using the toilet.

9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance	: White powder.
Odour	: Citrus.
pH (1 % solution)	: 10.5 – 11.0
Vapour Pressure (kPa)	: Not applicable
Boiling Point (°C)	: Not available
Melting Point (°C)	: Not available
Solubility in water	: Mostly soluble
Specific Gravity	: ~ 1.0
Flash Point (°C)	: Not applicable
Flammability Limits	: Not flammable
Ignition temperature (°C)	: Not applicable
Specific heat value	: Not available
VOC content (%)	: Not applicable
Evaporation rate	: Not applicable
Viscosity (cps)	: Not applicable
Volatile component (%)	: < 1
Saturated vapour pressure	: Not applicable
Decomposition temperature	: Not available

10. STABILITY AND REACTIVITY

Chemical stability	: Stable under normal conditions.
Conditions to avoid	: Excessive moisture.
Incompatible materials	: Oxidising agents, strong acids, aluminium, fluorine, magnesium and calcium oxide.
Hazardous decomposition products	: Sulfur dioxide, carbon monoxide, carbon dioxide.
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 vomiting, abdominal pain, diarrhoea and nausea.
Eye	: Irritating to eyes.
Skin	: Repeated or prolonged skin contact may lead to irritation.
Inhaled	: Inhalation of dust may irritate the respiratory system.
<u>Chronic</u>	: 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

Date of MSDS revision : 4th July, 2008

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.

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