

# MATERIAL SAFETY DATA SHEET

## 1. IDENTIFICATION OF THE MATERIAL AND SUPPLIER

Product Name : Earth Choice Laundry Liquid 3 X Concentrate  
Front Loader  
Other Name(s) : -  
Recommended Use : Laundry detergent  
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/R38 Irritating to eyes and skin.  
Safety Phrases : 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                  |
| Alkyl polyglycoside               | 110615-47-9,<br>68515-73-1 | < 10                  |
| Potassium oleate                  | 143-18-0                   | < 10                  |
| Sodium coco fatty alcohol sulfate | 68955-19-1                 | < 10                  |
| Sodium carbonate                  | 497-19-8                   | < 10                  |
| Sodium citrate                    | 6132-04-3                  | < 10                  |
| Fragrance                         | -                          | < 10                  |
| Hydroxymethyl ureide derivatives  | 5395-50-6                  | < 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, carbon dioxide and sulfur 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 : None known.

## **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, straw colour, slightly viscous liquid |
| Odour                     | : floral/fruity fragrance                      |
| pH (5 % solution)         | : 10.5 – 11.0                                  |
| Vapour Pressure (kPa)     | : Not available                                |
| Boiling Point (°C)        | : Approximately 100 °C. (water)                |
| Melting Point (°C)        | : Not available                                |
| Solubility in water       | : Readily soluble                              |
| Specific Gravity          | : ~ 1.10 @ 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)           | : ~ 700 @ 20°C  |
| 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           | : None                                            |
| Hazardous decomposition products | : Carbon monoxide, carbon dioxide, sulfur dioxide |
| Hazardous reactions              | : Not known.                                      |

## 11. TOXICOLOGICAL INFORMATION

|                          |                                                                       |
|--------------------------|-----------------------------------------------------------------------|
| Potential health effects | :                                                                     |
| <u>Acute</u>             |                                                                       |
| Swallowed                | : Irritating if directly introduced to the mouth, throat and stomach. |
| 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.        |
| <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**

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

Date of MSDS revision : 12<sup>th</sup> December, 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.

# MATERIAL SAFETY DATA SHEET

## 1. IDENTIFICATION OF THE MATERIAL AND SUPPLIER

Product Name : Earth Choice Laundry Liquid 3 X Concentrate  
Top Loader – Fresh Breeze, Sensitive  
Other Name(s) : -  
Recommended Use : Laundry detergent  
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/R38 Irritating to eyes and skin.  
Safety Phrases : 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                  |
| Alkyl polyglycoside               | 110615-47-9,<br>68515-73-1 | 10 - < 30             |
| Sodium coco fatty alcohol sulfate | 68955-19-1                 | < 10                  |
| Sodium carbonate                  | 497-19-8                   | < 10                  |
| Sodium citrate                    | 6132-04-3                  | < 10                  |
| Ethanol                           | 64-17-5                    | < 10                  |
| Fragrance                         | -                          | < 10                  |
| Hydroxymethyl ureide derivatives  | 5395-50-6                  | < 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, carbon dioxide and sulfur 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 : None known.

## **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, straw colour, viscous liquid                                                  |
| Odour                     | : Fresh Breeze - floral/fruity fragrance<br>Sensitive – subtle floral/fruity fragrance |
| pH (5 % solution)         | : 10.5 – 11.0                                                                          |
| Vapour Pressure (kPa)     | : Not available                                                                        |
| Boiling Point (°C)        | : Approximately 100 °C. (water)                                                        |
| Melting Point (°C)        | : Not available                                                                        |
| Solubility in water       | : Readily soluble                                                                      |
| Specific Gravity          | : ~ 1.15 @ 20°C.                                                                       |
| Flash Point (°C)          | : Not applicable                                                                       |
| Flammability Limits       | : Not flammable                                                                        |
| Ignition temperature (°C) | : Not available                                                                        |
| Specific heat value       | : Not available                                                                        |
| VOC content (%)           | : < 2                                                                                  |
| Evaporation rate          | : Not available                                                                        |
| Viscosity (cps)           | : ~ 4,000 @ 20°C                                                                       |
| 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           | : None                                            |
| Hazardous decomposition products | : Carbon monoxide, carbon dioxide, sulfur dioxide |
| Hazardous reactions              | : Not known.                                      |

## 11. TOXICOLOGICAL INFORMATION

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|--------------------------|-----------------------------------------------------------------------|
| Potential health effects | :                                                                     |
| <u>Acute</u>             |                                                                       |
| Swallowed                | : Irritating if directly introduced to the mouth, throat and stomach. |
| 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.        |
| <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

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### **15. REGULATORY INFORMATION**

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### **16. OTHER INFORMATION**

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