

## SAFETY DATA SHEET

According to 1907/2006/EC, Article 31

Version No:6

Revision Date: 9/09/2021

Print Date: 9/09/2021

### 1. IDENTIFICATION OF THE MATERIAL AND SUPPLIER

|                      |  |               |                |
|----------------------|--|---------------|----------------|
| Product Name:        | Purity Laundry Liquid 2 L                        |               |                |
| Other Name(s):       | External Code                                    | Internal Code | Barcode        |
|                      | FM152001   | PL2           | 9310692 702320 |
| Recommended Use:     | Laundry liquid for garment washing               |               |                |
| Supplier:            | Natures Organics Pty Ltd                         |               |                |
| Address:             | 31 Cornhill Street<br>Ferntree Gully<br>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: 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> |
|--|-------------------|-----------------------|
| Sodium Carbonate                           | 497-19-8          | < 10%                 |
| Caprylyl/Capryl Glucoside                  | 68515-73-1        | < 10%                 |
| Sodium Coco-Sulfate                        | 68955-19-1        | < 10%                 |
| Coco-Glucoside                             | 110615-47-9       | < 10%                 |
| Potassium Oleate                           | 143-18-0          | < 10%                 |
| Disodium Distyrylbiphenyl Disulfonate      | 27344-41-8        | < 0.1%                |
| Ethanol                                    | 64-17-5           | < 0.1%                |
| Benzisothiazolinone                        | 2634-33-5         | < 0.1%                |
| Methylisothiazolinone                      | 2682-20-4         | < 0.1%                |
| Ingredients determined not to be hazardous | -                 | 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 out with water. Do not induce vomiting. Give plenty of water to drink. If irritation develops and persists, seek medical advice or contact the Poisons Information Centre (phone Australia 13 1126, NZ 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. Seek medical advice if irritation occurs.   |
| 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 carbon monoxide, carbon dioxide, sulfur dioxide and nitrogen oxides. |
| 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 appropriate protective equipment during clean-up.

Methods and materials for containment and clean up: Contain spill to prevent contamination of drains / waterways. 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: Follow product label directions. Avoid eye contact. Repeated or prolonged skin contact should be avoided.

Conditions for safe storage: Store in original containers in a cool (below 30°C), dry, well-ventilated area and out of direct sunlight. Store away from foodstuffs and foodstuff containers.

Storage incompatibility: None known.

## 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

National exposure standards: Australia <sup>(1)</sup>

| Ingredient | CAS No. <sup>(a)</sup> | TWA                |                                  | STEL               |                                  | Carcinogen Category | Notices |
|------------|------------------------|--------------------|----------------------------------|--------------------|----------------------------------|---------------------|---------|
|            |                        | ppm <sup>(b)</sup> | mg/m <sup>3</sup> <sup>(c)</sup> | ppm <sup>(b)</sup> | mg/m <sup>3</sup> <sup>(c)</sup> |                     |         |
| -          | -                      | -                  | -                                | -                  | -                                | -                   | -       |

where:

TWA = Time Weighted average

STEL = Short Term Exposure Limit

<sup>(1)</sup> Worksafe Australia Exposure Standard for Atmospheric Contaminants in Occupational Environment [NOHSC:1003 1995]

<sup>(a)</sup> CAS No. (Chemical Abstracts Service) is a unique identifying number that is assigned to each chemical.

<sup>(b)</sup> Parts of vapour or gas per million of contaminated air by volume at 25°C and 1 atm.

<sup>(c)</sup> Milligrams of substance per cubic metre of air.

Sk Absorption through the skin may be a significant source of exposure.

Biological limit values: Not available.

Engineering controls: None under normal use conditions.

Personal protective equipment: Eyes: The wearing of eye protection when handling the neat product in industrial situations is recommended.

Hands: Wear nitrile or rubber 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 colourless viscous liquid

Odour: Floral fragrance

pH (neat): Approximately 10.9

Vapour Pressure (kPa): Not available

Boiling Point (°C): Approximately 100°C (water)

|                           |                              |
|---------------------------|------------------------------|
| Melting Point (°C)        | < 0°C                        |
| Solubility in Water       | Readily soluble              |
| Specific Gravity          | Approximately 1.057 @ 20°C   |
| Flash Point (°C)          | Not applicable               |
| Flammability Limits       | Not flammable                |
| Ignition Temperature      | Not available                |
| Specific Heat Value       | Not available                |
| VOC Content               | < 1%                         |
| Evaporation Rate          | Not available                |
| Viscosity                 | Approximately 700 cps @ 20°C |
| Volatile Component        | > 84%                        |
| Saturated Vapour Pressure | Not available                |
| Decomposition Temperature | Not available                |

## 10. STABILITY AND REACTIVITY

|                                   |  |
|-----------------------------------|--|
| Chemical stability:               | Stable under normal conditions.  |
| Conditions to avoid:              | Excessive heat and direct sunlight.  |
| Incompatible materials:           | None known.  |
| Hazardous decomposition products: | Thermal degradation may produce carbon monoxide, carbon dioxide, sulfur dioxide and nitrogen oxides. |
| Hazardous reactions:              | None known.  |

## 11. TOXICOLOGICAL INFORMATION

Potential health effects:

### Acute

|            |   |
|------------|---|
| Swallowed: | The oral ATE (Acute Toxicity Estimate) has been calculated to be > 5000 mg/kg, so the product is <b>not</b> considered to be toxic via ingestion according to GHS criteria.<br>May cause irritation if directly introduced to the mouth, throat and stomach. Symptoms may include abdominal pain, nausea, vomiting and diarrhoea.   |
| 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.<br>May cause mild to moderate irritation to the eyes, including redness and stinging.  |
| Skin:      | The dermal ATE (Acute Toxicity Estimate) has been calculated to be > 5000 mg/kg, so the product is <b>not</b> considered to be acutely toxic via skin contact according to GHS criteria.<br>The skin irritation Cat 2 score has been determined to be < 1, so the product is considered by GHS <b>not</b> to be a skin irritant.<br>However, repeated or prolonged skin contact may cause irritation or dermatitis in some individuals with sensitive skin. |
| Inhaled:   | The inhalation ATE (Acute Toxicity Estimate) has been calculated to be > 20 mg/L, so the product is <b>not</b> considered to be acutely toxic via inhalation according to GHS criteria.<br>Not normally a hazard due to the non-volatile nature of the product.   |

### Chronic

No information available.

## 12. ECOLOGICAL INFORMATION

| Ecotoxicity:                  | Classified according to GHS as hazardous to the aquatic environment, acute hazard Category 3 (10 < LC50 < 100). The product itself has not been tested; however the product has been classified via summation of all ingredients contained in the product.<br>Hazard Statement: H402 Harmful to aquatic life.<br>Note that the Australian WHS regulations state that this hazard category is exempt from classification in Australia.   |                                    |                        |                                    |      |                |      |          |           |                           |      |         |           |                     |      |         |            |                  |      |         |         |
|-------------------------------|---|------------------------------------|------------------------|------------------------------------|------|----------------|------|----------|-----------|---------------------------|------|---------|-----------|---------------------|------|---------|------------|------------------|------|---------|---------|
|                               | <table><thead><tr><th></th><th>DID No. <sup>(2)</sup></th><th>LC<sub>50</sub>/EC<sub>50</sub></th><th>NOEC</th></tr></thead><tbody><tr><td>Coco-Glucoside</td><td>2136</td><td>8.7 mg/L</td><td>1.75 mg/L</td></tr><tr><td>Caprylyl/Capryl Glucoside</td><td>2134</td><td>28 mg/L</td><td>1.75 mg/L</td></tr><tr><td>Sodium Coco-Sulfate</td><td>2006</td><td>15 mg/L</td><td>0.419 mg/L</td></tr><tr><td>Potassium Oleate</td><td>2025</td><td>22 mg/L</td><td>10 mg/L</td></tr></tbody></table> |                                    | DID No. <sup>(2)</sup> | LC <sub>50</sub> /EC <sub>50</sub> | NOEC | Coco-Glucoside | 2136 | 8.7 mg/L | 1.75 mg/L | Caprylyl/Capryl Glucoside | 2134 | 28 mg/L | 1.75 mg/L | Sodium Coco-Sulfate | 2006 | 15 mg/L | 0.419 mg/L | Potassium Oleate | 2025 | 22 mg/L | 10 mg/L |
|                               | DID No. <sup>(2)</sup>  | LC <sub>50</sub> /EC <sub>50</sub> | NOEC                   |                                    |      |                |      |          |           |                           |      |         |           |                     |      |         |            |                  |      |         |         |
| Coco-Glucoside                | 2136  | 8.7 mg/L                           | 1.75 mg/L              |                                    |      |                |      |          |           |                           |      |         |           |                     |      |         |            |                  |      |         |         |
| Caprylyl/Capryl Glucoside     | 2134  | 28 mg/L                            | 1.75 mg/L              |                                    |      |                |      |          |           |                           |      |         |           |                     |      |         |            |                  |      |         |         |
| Sodium Coco-Sulfate           | 2006  | 15 mg/L                            | 0.419 mg/L             |                                    |      |                |      |          |           |                           |      |         |           |                     |      |         |            |                  |      |         |         |
| Potassium Oleate              | 2025  | 22 mg/L                            | 10 mg/L                |                                    |      |                |      |          |           |                           |      |         |           |                     |      |         |            |                  |      |         |         |
| 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. |
|-----------------|---|

## 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:

Proper Shipping Name:

Dangerous Goods

Class:

Subsidiary Risk:

Pack Group:

Hazchem Code:

Marine Pollutant:

Special precautions for user:

## 15. REGULATORY INFORMATION

|                   |   |
|-------------------|---|
| Poisons Schedule: | None.<br>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

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Supersedes: Version No: 5 dated 26/10/2017

Reason for Revision: 1. 2 L pack size replaces 1.25 L pack size.  
2. Introduced systematic calculations for ATEs and ecotoxicity

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.**