

# SAFETY DATA SHEET

**SOLUTIONS**

## L2 LAUNDRY DETERGENT

Infosafe No.: CI04L

ISSUED Date : 14/09/2021

ISSUED by: CUSTOM CHEMICALS  
INTERNATIONAL PTY LTD

### 1. IDENTIFICATION

#### GHS Product Identifier

L2 LAUNDRY DETERGENT

#### Product Code

SOLCL2PK - 5L Bottle

#### Company Name

Hanley Industrial Enterprises Pty Ltd (ABN 49 010 930 471)

#### Address

21 Yarraman Place (PO Box 515) Virginia

QLD 4014 AUSTRALIA

#### Telephone/Fax Number

Tel: (07) 3326 6711

Fax: (07) 3326 6722

#### Emergency phone number

13 11 26

#### Recommended use of the chemical and restrictions on use

Solutions L2 Detergent is a super concentrated detergent and emulsifying system formulated to achieve high performance wash results at the lowest possible cost.

### 2. HAZARD IDENTIFICATION

#### GHS classification of the substance/mixture

Classified as Hazardous according to the Globally Harmonised System of Classification and Labelling of Chemicals (GHS) including Work, Health and Safety Regulations, Australia.

Not classified as Dangerous Goods according to the Australian Code for the Transport of Dangerous Goods by Road and Rail. (7th edition)

Eye Damage/Irritation: Category 1

#### Signal Word (s)

DANGER

#### Hazard Statement (s)

Causes serious eye damage.

#### Pictogram (s)

Corrosion



#### Precautionary statement – Prevention

Obtain special instructions before use.

Wear protective gloves/protective clothing/eye protection/face protection.

Use personal protective equipment as required.

#### Precautionary statement – Response

IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.

Immediately call a POISON CENTER or doctor/physician.

#### Precautionary statement – Storage

Store locked up.

**Precautionary statement – Disposal**

Dispose of contents/container to an approved waste facility..

### 3. COMPOSITION/INFORMATION ON INGREDIENTS

**Ingredients**

Name	CAS	Proportion
Oxirane, 2- methyl, polymer with oxirane, mono(2- propylheptyl) ether	166736- 08- 9	10- 30 %
Triethanolamine salt of linear alkylbenzene sulfonic acid	121617- 08- 1	10- 30 %
Other ingredients classified as non hazardous at the concentrations used according to the criteria of Safe Work Australia		-

### 4. FIRST-AID MEASURES

**Inhalation**

If inhaled, remove affected person away from contaminated area to fresh air. Remove contaminated clothing and loosen remaining clothing. Allow patient to assume most comfortable position. Apply artificial respiration if not breathing. Seek immediate medical attention.

**Ingestion**

Do NOT induce vomiting. Wash out mouth thoroughly with water. If vomiting occurs, give further water to achieve effective dilution. Seek immediate medical attention.

**Skin**

Wash skin with plenty of water. Ensure contaminated clothing is washed before re-use or discard. Seek medical attention if burning, irritation or redness develops.

**Eye contact**

If in eyes, immediately hold eyelids apart and flush the eyes continuously with running water. Remove contact lenses. Continue flushing until advised to stop by the Poisons Information Centre or a doctor, or for at least 15 minutes. Seek immediate medical attention.

**First Aid Facilities**

Eyewash, safety shower and normal washroom facilities.

**Advice to Doctor**

Treat symptomatically.

**Other Information**

For advice in an emergency, contact a Poisons Information Centre (Phone Australia 131 126) or a doctor at once.

### 5. FIRE-FIGHTING MEASURES

**Fire Fighting Measures**

To keep containers exposed from extreme heat, cool with water spray. Fire fighters to wear self contained breathing apparatus if risk of exposure to products of combustion or decomposition. Evacuate area if necessary - move upwind of fire.

**Suitable Extinguishing Media**

Use carbon dioxide (CO<sub>2</sub>), water fog or fine water spray. Use media appropriate for the surrounding fire conditions.

**Hazards from Combustion Products**

Non combustible material however if involved in a fire will emit toxic fumes.

**Specific Hazards Arising From The Chemical**

This product is non-combustible.

**Hazchem Code**

No HAZCHEM code.

### 6. ACCIDENTAL RELEASE MEASURES

**Spills & Disposal**

Minor spills do not normally need any special clean up measures. In the event of a large spill, prevent spillage from entering

watercourses. Wear appropriate protective equipment (as listed in Section 8 of this SDS) to prevent eye and skin contamination. Spilt material may result in a slip hazard and should be absorbed into dry, inert material to be collected in appropriately labelled containers for disposal by an approved agent according to local regulations. Residual deposits will remain slippery, wash down with excess water. If contamination of drains or sewers occurs advise local emergency services.

## 7. HANDLING AND STORAGE

### Precautions for Safe Handling

Avoid contact with incompatible materials. When handling DO NOT eat, drink or smoke. Keep containers closed at all times. Avoid physical damage to containers. Always wash hands with water after handling.

### Conditions for safe storage, including any incompatibilities

Store in a cool, dry, well-ventilated area. Do not store in aluminium or light alloy containers. Keep containers closed when not in use, securely sealed and protected against physical damage. Inspect regularly for deficiencies such as damage or leaks.

## 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

### Occupational exposure limit values

None established.

### Appropriate Engineering Controls

This substance is hazardous and should be used in a well-ventilated area. Avoid generating mists of the product.

### Respiratory Protection

Not required for normal cleaning operations.

### Eye Protection

Generally not required to handle properly diluted solutions of the product. The use of safety glasses with side shield protection, goggles or face shield is recommended to handle in quantity, cleaning up spills, decanting etc.

### Hand Protection

Generally not required to handle properly diluted solutions of the product. Overalls, work boots & gloves are recommended for handling the concentrated product in quantity, cleaning up spills, decanting etc.

## 9. PHYSICAL AND CHEMICAL PROPERTIES

Properties	Description	Properties	Description
Form	Liquid	Appearance	Green liquid.
Odour	Citrus odour.	Freezing Point	Approx 0°C
Boiling Point	Approx. 100°C	Solubility in Water	Miscible in all proportions.
Specific Gravity	1.03 - 1.05 (25°C)	pH	7.0 - 8.0 (neat)
Vapour Pressure	Not available	Volatile Component	Ca 65% v/v
Flammability	Non combustible		

## 10. STABILITY AND REACTIVITY

### Chemical Stability

Stable under normal conditions of storage and handling.

### Conditions to Avoid

May accelerate environmental stress cracking of some polymers.

### Incompatible materials

Incompatible with cationic surfactants and oxidising agents.

### Hazardous Decomposition Products

Product can decompose on combustion to form Carbon Monoxide, Carbon Dioxide and other possibly toxic gases and vapours.

### Hazardous Polymerization

Not available.

## 11. TOXICOLOGICAL INFORMATION

### Toxicology Information

No adverse health effects expected if the product is used in accordance with this Safety Data Sheet and product label.

**Acute Toxicity - Oral**

No information for this specific product.

**Ingestion**

Ingestion of large amounts may irritate the gastric tract causing nausea and vomiting.

**Inhalation**

Inhalation of mists and aerosols can produce mucous membrane and respiratory irritation.

**Skin**

Skin contact can cause redness, itching and irritation if extended contact with concentrated product.

**Eye**

Eye contact will cause severe stinging, blurring, tearing and pain. Permanent damage may result.

**Skin Sensitisation**

Prolonged and repeated skin contact with diluted solutions may induce eczematoid dermatitis.

## 12. ECOLOGICAL INFORMATION

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**Ecotoxicity**

None available for specific product.

**Environmental Protection**

Prevent large amounts from entering waterways, drains and sewers.

## 13. DISPOSAL CONSIDERATIONS

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**Disposal considerations**

To dispose of quantities of undiluted product, refer to State Land Waste Management Authority. Transfer product residues to a labelled, sealed container for disposal or recovery. Waste disposal must be by an accredited contractor. As with any chemical, do not release into drains in quantity. The small quantities contained in wash solutions (when used as directed) can generally be handled by conventional sewage systems, septs and grey water systems. For larger scale use, eg. commercial laundry operations, a recycled water system is often recommended, or Trade Waste License obtained for disposal to sewer.

## 14. TRANSPORT INFORMATION

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**Transport Information**

Not classified as Dangerous Goods according to the Australian Code for the Transport of Dangerous Goods by Road and Rail. (7th edition)

**U.N. Number**

None Allocated

**UN proper shipping name**

None Allocated

**Transport hazard class(es)**

None Allocated

**Hazchem Code**

No HAZCHEM code.

## 15. REGULATORY INFORMATION

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**Regulatory information**

Classified as Hazardous according to the Globally Harmonised System of classification and labelling of chemicals (GHS) including Work, Health and Safety regulations, Australia

Not classified as a Scheduled Poison according to the Standard for the Uniform Scheduling of Medicines and Poisons (SUSMP)

**Poisons Schedule**

Not Scheduled

## 16. OTHER INFORMATION

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**Date of preparation or last revision of SDS**

## References

Preparation of Safety Data Sheets for Hazardous Chemicals Code of Practice.

Standard for the Uniform Scheduling of Medicines and Poisons.

Australian Code for the Transport of Dangerous Goods by Road & Rail.

Model Work Health and Safety Regulations, Schedule 10: Prohibited carcinogens, restricted carcinogens and restricted hazardous chemicals.

Workplace exposure standards for airborne contaminants.

Adopted biological exposure determinants, American Conference of Industrial Hygienists (ACGIH).

Globally Harmonised System of classification and labelling of chemicals.

## Uses and Restrictions

Solutions L2 Detergent is dispensed at a dilution rate 2 to 3ml per 1kg of dry weight laundry linen, through automatic dispensing equipment.

## User Information

Solutions L2 Detergent is a super concentrated detergent and emulsifying system formulated to achieve high performance wash results at the lowest possible cost.

## Other Information

DO NOT MIX WITH OTHER CHEMICALS WITHOUT PRIOR CONSULTATION WITH THE MANUFACTURER. Always use product as directed. Never return any unused material to original drum.

The information sourced for the preparation of this document was correct and complete at the time of writing to the best of the writers knowledge. The document represents the commitment to the company's responsibilities surrounding the supply of this product, undertaken in good faith. This document should be taken as a safety guide for the product and its recommended uses but is in no way an absolute authority. Please consult the relevant legislation and regulations governing the use and storage of this type of product.

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## END OF SDS

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