

## K6 AUTOWASH NON CHLORINATED

Infosafe No.: CI026  
ISSUED Date : 12/08/2021  
ISSUED by: CUSTOM CHEMICALS  
INTERNATIONAL PTY LTD

### 1. IDENTIFICATION

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**GHS Product Identifier**

K6 AUTOWASH NON CHLORINATED

**Product Code**

SOLCK6PK - 5L

**Company Name**

Hanley Industrial Enterprises Pty Ltd (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**

Liquid cleaner

### 2. HAZARD IDENTIFICATION

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**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 2A

Skin Corrosion/Irritation: Category 2

STOT Single Exposure: Category 3 (respiratory tract irritation)

**Signal Word (s)**

WARNING

**Hazard Statement (s)**

Causes skin irritation.

Causes serious eye irritation.

May cause respiratory irritation.

**Pictogram (s)**

Exclamation mark

**Precautionary statement – Prevention**

Avoid breathing dust/fume/gas/mist/vapours/spray.

Wash contaminated skin thoroughly after handling.

Use only outdoors or in a well-ventilated area.

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

**Precautionary statement – Response**

IF ON SKIN: Wash with plenty of soap and water.

Take off contaminated clothing and wash before reuse.

If skin irritation occurs: Get medical advice/attention.

IF INHALED: Remove victim to fresh air and keep at rest in a position comfortable for breathing.

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

If eye irritation persists: Get medical advice/attention.

Call a POISON CENTER or doctor/physician if you feel unwell.

#### **Precautionary statement – Storage**

Store in a well-ventilated place. Keep container tightly closed.

Store locked up.

#### **Precautionary statement – Disposal**

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

### **3. COMPOSITION/INFORMATION ON INGREDIENTS**

#### **Ingredients**

<b>Name</b>	<b>CAS</b>	<b>Proportion</b>
Monoethanolamine	141- 43- 5	1- 5 %
Sodium metasilicate	6834- 92- 0	1- 5 %
Potassium Carbonate	584- 08- 7	1- 5 %
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 from contaminated area. Apply artificial respiration if not breathing. Seek medical attention.

#### **Ingestion**

Do NOT induce vomiting. Do NOT attempt to give anything by mouth to an unconscious person. Rinse mouth thoroughly with water immediately. Give water to drink. If vomiting occurs, give further water to achieve effective dilution. Seek medical advice (e.g. doctor) if required.

#### **Skin**

Remove all contaminated clothing immediately. Wash gently and thoroughly with water and non-abrasive soap for 15 minutes. Ensure contaminated clothing is washed before re-use or discard. Seek immediate medical attention.

#### **Eye contact**

If in eyes, 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**

#### **Suitable Extinguishing Media**

Use carbon dioxide (CO2) fire extinguisher, foam, dry powder, water fog or fine water spray.

#### **Unsuitable Extinguishing Media**

Do not use water jet.

#### **Hazards from Combustion Products**

Not combustible. However if involved in a fire will emit toxic fumes. Oxidiser.

#### **Specific Hazards Arising From The Chemical**

Oxygen released on exothermic decomposition may support combustion in case of surrounding fire. Pressure burst may occur due to

decomposition in confined spaces/containers. Wet product decomposes exothermally and may cause combustion of organic materials.

#### **Precautions in connection with Fire**

Keep containers exposed to 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 - move upwind of fire.

## **6. ACCIDENTAL RELEASE MEASURES**

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### **Emergency Procedures**

Minor spills do not normally need any special clean-up measures. Rinse with water. In the event of a major spill, prevent spillage from entering drains or water-courses. Wear appropriate protective equipment as in section 8 below to prevent skin and eye contamination. Spilt material should be shoveled up into appropriately labelled drums for disposal by an approved agent according to local conditions. Neutralize residues with acid, eg vinegar and flush spill area with water. Residual deposits will remain slippery. If contamination of sewers or waterways has occurred advise the local emergency services. In the event of a large spillage notify the local environment protection authority or emergency services.

## **7. HANDLING AND STORAGE**

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### **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, place with good ventilation. Avoid storing in aluminium and light alloy containers. Store away from incompatible materials (Section 10). Keep containers closed at all times - check regularly for leaks.

## **8. EXPOSURE CONTROLS/PERSONAL PROTECTION**

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### **Occupational exposure limit values**

Sodium hydroxide

TWA: 2 mg/m<sup>3</sup> (peak)

TWA (Time Weighted Average): The average airborne concentration of a particular substance when calculated over a normal eight-hour working day, for a five-day week.

STEL (Short Term Exposure Limit): The average airborne concentration over a 15 minute period which should not be exceeded at any time during a normal eight-hour workday.

Peak Limitation: A ceiling concentration which should not be exceeded over a measurement period which should be as short as possible but not exceeding 15 minute

### **Biological Limit Values**

No biological limits allocated.

### **Appropriate Engineering Controls**

This substance is hazardous and care should be taken to ensure ventilation is adequate to maintain air concentrations below exposure limits. Use only in a well ventilated area. If the engineering controls are not sufficient to maintain concentrations of dusts below the exposure standards, suitable respiratory protection must be worn.

### **Respiratory Protection**

If engineering controls are not effective in controlling airborne exposure then an approved respirator with a replaceable dust filter should be used. Refer to relevant regulations for further information concerning respiratory protective requirements.

Reference should be made to Australian Standards AS/NZS 1715, Selection, Use and Maintenance of Respiratory Protective Devices; and AS/NZS 1716, Respiratory Protective Devices, in order to make any necessary changes for individual circumstances.

### **Eye Protection**

Safety glasses with side shield protection, goggles or face shield should be used. Eye protection devices should conform to relevant regulations.

Eye protection should conform with Australian/New Zealand Standard AS/NZS 1337 - Eye Protectors for Industrial Applications.

### **Hand Protection**

Wear gloves of impervious material such as butyl rubber, natural Latex, neoprene, PVC, and nitrile. Final choice of appropriate gloves will vary according to individual circumstances. i.e. methods of handling or according to risk assessments undertaken. Occupational protective gloves should conform to relevant regulations.

Reference should be made to AS/NZS 2161.1: Occupational protective gloves - Selection, use and maintenance.

### **Body Protection**

Suitable protective workwear, e.g. cotton overalls buttoned at neck and wrist is recommended. Chemical resistant apron is

## 9. PHYSICAL AND CHEMICAL PROPERTIES

Properties	Description	Properties	Description
Form	Liquid	Appearance	Straw coloured liquid
Colour	Straw	Odour	faint
Melting Point	Not available	Solubility in Water	Miscible in all proportions
Specific Gravity	1.10 - 1.15	pH	12.5 - 13.0 (neat)
Volatile Component	70% w/w	Flash Point	Not flammable
Flammability	Non combustible		

## 10. STABILITY AND REACTIVITY

### Reactivity

Reacts with incompatible materials

### Chemical Stability

Stable under normal conditions of storage and handling.

### Conditions to Avoid

Avoid contact with heat or heat sources.

### Incompatible materials

Reducing agents, oxidizing agents, acids, bases, salts of heavy metals, organic materials, and flammable substances.

### Hazardous Decomposition Products

Product can decompose on combustion to form Carbon Monoxide, Carbon Dioxide, and other possibly toxic gases and vapours. Oxygen - decomposition releases steam and heat.

## 11. TOXICOLOGICAL INFORMATION

### Toxicology Information

No adverse health effects expected if the product is handled in accordance with this Safety Data Sheet and product label. Symptoms or effects which may arrive if product is mishandled and overexposure occurs are:

#### Acute Toxicity - Oral

SODIUM PERCARBONATE: LD50(rat) 1034 mg/kg

DISODIUM METASILICATE: LD50 (rat) 770 mg/kg

SODIUM CARBONATE: LD50(rat) 4000 mg/kg

#### Acute Toxicity - Inhalation

SODIUM PERCARBONATE: LD50 (rat) >4580 mg/m<sup>3</sup>

SODIUM CARBONATE: LD50(rat) 2100 - 2500 mg/m<sup>3</sup>

#### Acute Toxicity - Dermal

SODIUM PERCARBONATE: LD50 (rabbit) >2000 mg/kg

#### Ingestion

This product containing ingredient Sodium percarbonate may cause severe irritation of the mouth, throat, esophagus and stomach, bloating of stomach, belching, nausea and vomiting.

#### Inhalation

Exposure to generated dusts of this product may cause respiratory irritation.

In case of repeated or prolonged term exposure to generated dust, risk of sore throat, nose bleeds, bronchitis.

#### Skin

Concentrated product may cause skin irritation. Prolonged contact with concentrated solutions may be irritating. Properly diluted wash solutions not expected to be irritating.

#### Eye

May cause severe eye irritation, watering, redness; can cause burns to the eyes.

#### Skin Sensitisation

Prolonged and repeated skin contact with solutions may induce eczematoid dermatitis in certain individuals.

## 12. ECOLOGICAL INFORMATION

**Ecotoxicity**

No ecological data available for this material.

**Persistence and degradability**

Individual components stated to be biodegradable.

**Other Adverse Effects**

Expected to be harmful to aquatic life due to the high pH of this product. Product is miscible in all proportions of water. DO NOT DISCHARGE INTO DRAINS, WATERWAYS, SEWER OR THE ENVIRONMENT. If release to environment occurs, notify local authorities.

**Environmental Protection**

Prevent large amounts from entering waterways, drains and sewers.

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## 13. DISPOSAL CONSIDERATIONS

**Disposal considerations**

The disposal of the spilled or waste material must be done in accordance with applicable local and national regulations.

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## 14. TRANSPORT INFORMATION

**U.N. Number**

None Allocated

**Transport hazard class(es)**

None Allocated

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## 15. REGULATORY INFORMATION

**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

Classified as a Scheduled Poison according to the Standard for the Uniform Scheduling of Medicines and Poisons (SUSMP)

**Poisons Schedule**

S5

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## 16. OTHER INFORMATION

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

SDS created: August 2021

SUPERCEDES: October 2016

**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**

USE THROUGH DISPENSER ONLY.

AUTOWASH should be diluted at the rate of 1ml product per litre of water via the dispenser. Liquid dosing equipment should be adjusted by a qualified technician using an alkalinity test kit to provide an alkalinity of 200 - 500ppm.

**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.

## END OF SDS

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