



**MSKS CHEMICAL SOLUTIONS PTY LTD**

**"An Encyclop Chemical Company"**

6/390 Clergate Road, Orange, NSW 2800

T: 02 6361 0550 | F: 02 6361 0550 | M: 0466 874 451

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## **SAFETY DATA SHEET**

### **IDENTIFICATION OF THE MATERIAL AND SUPPLIER**

#### **Section 1**

Product Name: **MULTICLEAN**

Other Names: None Allocated

Manufacturers Code: 25L - 4021031, 5L - 4021032

Recommended Use: General cleaner and degreaser.

#### **Company Details:**

Company: MSKS Chemical Solutions Pty. Ltd.

Address: 390 Clergate Road, Orange, NSW 2800

Tel: 1300 243 642 (for general safety information, Monday - Friday 8:00am - 5:00pm)

Emergency Telephone Number: **131 126.** (Poisons Information Centre)

ACN: 607 627 850

ABN: 26683187816

### **HAZARDS IDENTIFICATION**

#### **Section 2**

Hazard/Dangerous Classification Statement:

**HAZARDOUS SUBSTANCE, DANGEROUS GOODS**

Health Hazard Classification: Corrosive

Safety Phrases: S2-Keep out of reach of children. S26-In case of contact with eyes rinse immediately with plenty of water and contact a doctor or Poisons Information Centre. S37/39-Wear suitable gloves and eye/face protection.

Risk Phrases: R36/38-Irritating to eyes and skin.

### **COMPOSITION/INFORMATION ON INGREDIENTS**

#### **Section 3**

*Ingredients Scheduled, Dangerous Goods, Hazardous or Poisons*

Chemical Entity	CAS No.	Proportion
2-Butoxyethanol	111-76-2	<10%
Potassium hydroxide	1310-58-3	<10%

Ingredients assessed as non-hazardous >60%

Date of Last Printing of Safety Data Sheet: 28 November 2015.

Date of Last Revision of Safety Data Sheet: 7 January 2013.

### **FIRST AID MEASURES**

#### **Safety Data Sheet**

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## Section 4

First Aid Basic: For advice, contact a Poisons Information Centre Ph: 13 11 26

First Aid General: If swallowed do NOT induce vomiting

Warning: Corrosive. May produce severe burns. Attacks skin and eyes.

First Aid Instruction by Exposure Route:

Inhalation: If inhaled remove from contaminated area. Apply artificial respiration if not breathing. Always remove exposed persons from contaminated area into fresh air.

Administer oxygen if available.

Skin: Wear protective gloves when mixing or using. If skin or hair contact occurs, remove contaminated clothing and flush skin and hair with running water. Remove contaminated clothing and wash down skin with water and soap if possible, or wash under safety shower for at least 15 minutes. Wash clothing with detergent and water.

Eye: Wear eye protection when mixing or using. If in eyes, hold eyelids apart and flush the eye continuously with running water. Continue flushing until advised to stop by the Poisons Information Centre or a doctor or at least 15 minutes. Wash eyes with eye wash or water for at least 15 minutes.

Ingestion: If swallowed, do NOT induce vomiting.

Advice to Doctor on Special medical Treatment:

No specific treatment or antidotes are known for this product.

## FIRE FIGHTING MEASURES

### Section 5

Suitable Extinguishing Media:

Small Fire: Use dry chemical, CO<sub>2</sub>, or water spray.

Large Fire: Use dry chemical, CO<sub>2</sub>, foam or water spray-do not use water jets.

Hazards from Combustion Products: Avoid getting water in containers.

Special Protective Precautions: Cool containers with flooding quantities of water. Until well after fire is out. Evacuate area downwind of fire or spill.

Equipment for Fire Fighters: Wear SCBA and chemical splash suit. Fully encapsulating, gas-tight fitting suits should be worn for maximum protection.

Hazchem Code: 2R

## ACCIDENTAL RELEASE MEASURES

### Section 6

Initial Emergency Response Guide Number: 37

Emergency Procedure for Spills and Leaks:

1. Eliminate all ignition sources within 50 metres.
2. Do not touch or walk through spilled material.
3. Do not touch damaged containers or spilled material unless wearing appropriate protective clothing.
4. Stop leak if safe to do so.

## Safety Data Sheet

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5. Do not get water inside containers.

Methods and Materials for Contamination Clean-up: Cover with dry earth, sand or other non-combustible material followed by plastic sheet to minimize spreading or contact with rain.

## **HANDLING AND STORAGE**

### **Section 7**

Precautions for Safe Handling:

Personal Protection: Avoid splashing, wear correct PPE and wash hands thoroughly before eating and drinking. Remove contaminated clothing and protective equipment before eating.

Compatibility: Do not mix with any other chemical without professional advice.

Decanting: Establish a decanting regime that eliminates splashing and spills.

Have potable water nearby to wash off any contamination. Ensure spills and splashes can be contained if they occur.

Conditions for Safe Storage:

Avoidance of Explosion, Corrosion, and Fire: Always attend to leaks in storage, tighten loose caps, clean-up spills. Do not store incompatible substances together. Remove all ignition sources from storage area, including; not smoking in storage area.

Deterioration of Products in Storage: Always store products out of direct sunlight. Keep products dry at all times. Some products may separate at high temperatures, avoid storing at temperatures above 36deg.C. Do not stack products more than two containers high. 15L containers may be stacked three high.

Storage Area Requirements: If possible bund storage area to contain spills, this is essential when storing larger quantities. Have good ventilation. Keep incompatible substances separate.

## **EXPOSURE CONTROLS/PERSONAL PROTECTION**

### **Section 8**

Exposure Standards:

ES-TWA: None Allocated

ES-STEL: None Allocated

ES-Peak: None Allocated

*Carcinogenic Potential:* Not Applicable

*Effects on Skin:* Not Applicable

Biological Limit Values:

\* No biological limit allocated

Engineering Controls:

Decanting: Decant only in a well ventilated area.



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**Spray Application:** If cleaning with an atomiser bottle only spray in a well ventilated area. Use a squeeze bottle in irritation occurs.

**Personal Protective Equipment (PPE)**

**Eye/Face:** Goggles or Face Shield

**Skin:** Use Latex or PVC gloves

**Respiratory Protection:** No Recommended

**Thermal Hazards:** Not Applicable

## PHYSICAL AND CHEMICAL PROPERTIES

### Section 9

Appearance	: Pink liquid.
Odour	: Sweet fresh fragrance
pH (in liquids or at 1% dilution)	: 13.0 – 13.5
Vapour Pressure	: Not Assessed
Vapour Density (air = 1)	: Not Assessed
Boiling Point/Range	: Not Assessed
Freezing/Melting Point	: Not Assessed
Solubility	: 100% in water
Specific Gravity (density)	: 1.1
Flashpoint	: Not Flammable
Flammable Limits (upper/lower)	: Not Assessed
Ignition Temperature	: Not assessed
Viscosity	: Thin liquid
% volatiles by volume	: 0%

## STABILITY AND REACTIVITY

### Section 10

**Chemical Stability:** Product is stable under normal storage and handling conditions.

**Conditions to Avoid:** Avoid temperatures over 36degC.

**Incompatible Materials:** Product is only moderately incompatible with other substances.

**Hazardous Decomposition Products:** Mixture with incompatible substances will cause only minor and undetectable reaction.

**Hazardous Reactions:** There is no detectable evidence of a reaction.

## TOXICOLOGICAL INFORMATION

### Section 11

**Acute and Chronic Health Effects:**

No data available on acute and chronic effects on humans or animals.

**Effects Due to Exposure:**

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Swallowed: Ingestion of substance will cause irritation to the throat.  
Eyes: Contact with substance will cause eye damage.  
Skin: Skin contact will cause irritation and some welting.  
Inhaled: Sustained exposure and short term high level exposure will cause irritation, burning and damage to respiratory system.

## **ECOLOGICAL INFORMATION**

### **Section 12**

Ecotoxicity: No ecotoxicity data available

Persistence and Biodegradability: No data available on persistence and biodegradability.

Mobility: No data available on product Mobility in water or soil.

## **DISPOSAL CONSIDERATIONS**

### **Section 13**

Disposal Methods and Containers:

Disposal Method: Do not allow product to enter storm water systems. Avoid product entering sewage systems.

Container: Container can be thoroughly washed and reused for chemical packaging.

Recycled containers are not suitable for food product storage.

Special Precautions for Landfill or Incineration:

No data available for precautions for disposal in landfill or incineration.

## **TRANSPORT INFORMATION**

### **Section 14**

UN Number: 1814

UN Proper Shipping Name: Potassium hydroxide

Class and Subsidiary Risk: 8

Packing Group: II

Special Precautions for User: Do not double stack pallets. Ensure pallets are firmly wrapped.

Hazchem Code: 2R

## **REGULATORY INFORMATION**

### **Section 15**

Regulatory Status of Product under Relevant Australian Health, Safety and Environmental Legislation:

Poisons Schedule: S6

Licensing required (e.g.: carcinogens, prohibited substances): None required

Australian Registration Number: Not Applicable

AICS: Not Applicable

## **OTHER INFORMATION**

### **Section 16**

## **Safety Data Sheet**

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#### Key to terms:

None Allocated: Indicates that the substance is either below a dangerous level or is determined as not presenting any danger.

Not Applicable: The product does not fall into a category where this information is relevant.

Not Assessed: Indicates that there is no test data available to make an assessment. It in no way indicates a product is safe or otherwise.

#### Reference Information:

1. List of Designated Hazardous Substances
2. Dangerous Goods Code
3. Initial Emergency Response Guide
4. Exposure Standards for Atmospheric Contaminants in the Occupational Environment
5. Condensed Chemical Dictionary
6. Standard for the Uniform Scheduling of Drugs and Poisons
7. A Guide to Labelling of Drugs and Poisons
8. Storage and Handling of Workplace Dangerous Goods
9. A Guide for the Preparation of material Safety Data Sheets
10. AICS

All information is believed to be accurate at time of preparation. This document is a guide for the safe use of the above mentioned product. Information provided is based on available data in Australia and overseas. In some sections, where specific data is not available, an estimation of the health and safety effects has been made. The information contained herein is not designed to be comprehensive, always use caution when handling chemical substances.

**End of Safety Data Sheet**