



**MSKS CHEMICAL SOLUTIONS PTY LTD**

**"An Encyclop Chemical Company"**

6/390 Clergate Road, Orange, NSW 2800

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## **SAFETY DATA SHEET**

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

#### **Section 1**

Product Name: **ALGATAC**

Other Names: None Allocated

Manufacturers Code: 1L – 4081124

Recommended Use: Algae Killer for Swimming Pools.

#### **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:

NON-HAZARDOUS SUBSTANCE, NON-DANGEROUS GOODS

Health Hazard Classification: Not Applicable

Safety Phrases: None Allocated

Risk Phrases: None Allocated

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

#### **Section 3**

*Ingredients Scheduled, Dangerous Goods, Hazardous or Poisons*

Chemical Entity	CAS No.	Proportion
Quaternary Ammonium Compounds	68989-00-4	<10%
Copper Sulphate	67758-98-7	<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: 1 February 2013.

### **FIRST AID MEASURES**

#### **Safety Data Sheet**

Product: **Algatac**

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## Section 4

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

First Aid General: No information specified

Warning: None Allocated

First Aid Instruction by Exposure Route:

Inhalation: Always remove exposed persons from contaminated area into fresh air. Administer oxygen if available.

Skin: 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: 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:* None Allocated

## ACCIDENTAL RELEASE MEASURES

### Section 6

Initial Emergency Response Guide Number: None Allocated

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.
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: Not personal protection measure required.

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. Product may separate at high temperatures, avoid storing at temperatures above 36deg.C. Do not stack product 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.

Spray Application: Product is normally dispensed directly into the swimming pool and allowed to circulate by pumping.

#### Personal Protective Equipment (PPE)

Eye/Face: Goggles or Face Shield when handling concentrated product.  
(recommended)

Skin: No skin protection required.

Respiratory Protection: None Recommended



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**encyclochemical co.,**

Thermal Hazards: Not Applicable

## PHYSICAL AND CHEMICAL PROPERTIES

### Section 9

Appearance	: Dark Green
Odour	: Nil
pH (in liquids or at 1% dilution)	: Not Assessed
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)	: 1.05 approx.
Flashpoint	: Not Flammable
Flammable Limits (upper/lower)	: Not Assessed
Ignition Temperature	: Not assessed
Viscosity	: Not Assessed
% 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: Mixture with chlorine will cause a gas.

## 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:

Swallowed: Ingestion of substance will cause irritation to the throat.

Eyes: Contact with substance will cause eye irritation.

Skin: Skin contact will cause irritation.

Inhaled: Sustained exposure and short term high level exposure will cause irritation, burning to respiratory system.

## ECOLOGICAL INFORMATION

### Safety Data Sheet

Product: **Algatac**

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## Section 12

Ecotoxicity: Risk Phrase: R51-Toxic to aquatic animals.

- Aliphatic alcohols, ethoxylate component <10%
- Material is biodegradable  
96hr LC50 (fish): 1-10mg/L

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 allowing large quantities of the product, in concentrated form, from entering sewage systems. Consult the local EPA for advice on disposal or incineration.

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: Not Applicable

UN Proper Shipping Name: Not Applicable

Class and Subsidiary Risk: Not Applicable

Packing Group: III

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

Hazchem Code: Not Applicable

## REGULATORY INFORMATION

### Section 15

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

Poisons Schedule: None Allocated

Licensing Required (eg.: carcinogens, prohibited substances): None required

Australian Registration Number: Not Applicable

AICS: Not Applicable

## OTHER INFORMATION

### Section 16

## Safety Data Sheet

Product: **Algatac**

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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 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**