

## POOL SUPPLY CANADA ALGAE 40

### SECTION 1. IDENTIFICATION

<b>Product Identifier</b>	PSC ALGAE 40
<b>Other Means of Identification</b>	27102WIP
<b>Recommended Use</b>	Controls algae in swimming pool waters.
<b>Manufacturer</b>	Lawrason's, Inc, 460 Wyecroft Road, Oakville, Ontario, L6K 2G7, (905) 842-8300, www.Lawrasons.com
<b>Supplier Identifier</b>	POOL SUPPLIES CANADA 3230 MAINWAY, BURLINGTON, ONTARIO, L7M 1A5
<b>Emergency Phone No.</b>	CANUTEC, 1-888-CAN-UTEC (226-8832), 613-996-6666 or *666 on a cellular phone
<b>SDS No.</b>	27006C13PP
<b>Date of Preparation</b>	February 01, 2017

### SECTION 2. HAZARD IDENTIFICATION

Classified according to Canada's Hazardous Products Regulations (WHMIS 2015).

#### Classification

Acute toxicity (Oral) - Category 4; Acute toxicity (Inhalation) - Category 4; Eye irritation - Category 2B

#### Label Elements



Warning

#### Hazard Statement(s):

Harmful if swallowed or if inhaled.  
Causes eye irritation.

#### Precautionary Statement(s):

Do not handle until all safety precautions have been read and understood.

##### Prevention:

Wear eye protection/face protection.  
Use only outdoors or in a well-ventilated area.  
Avoid breathing vapours.  
Do not eat, drink or smoke when using this product.  
Wash hands thoroughly after handling.

#### Response:

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Product Identifier: PSC ALGAE 40 - Ver. 1  
Date of Preparation: February 01, 2017  
Date of Last Revision: February 01, 2017

IF INHALED: Remove person to fresh air and keep comfortable for breathing.

Call a POISON CENTRE or doctor if you feel unwell.

IF SWALLOWED: Call a POISON CENTRE or doctor if you feel unwell.

Rinse mouth.

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 or attention.

Disposal:

Dispose of contents and container in accordance with local, regional, national and international regulations.

### SECTION 3. COMPOSITION/INFORMATION ON INGREDIENTS

Mixture:

Chemical Name	CAS No.	%	Other Identifiers	Other Names
Poly(oxyethylene(dimethyliminio)ethylene(dimethylimino)ethylene dichloride)	31512-74-0	30.00-60.00		

### SECTION 4. FIRST-AID MEASURES

#### First-aid Measures

##### Inhalation

Move to fresh air. Keep at rest in a position comfortable for breathing. If breathing has stopped, trained personnel should begin rescue breathing. Call a Poison Centre or doctor. Specific treatment is required.

##### Skin Contact

Take off contaminated clothing, shoes and leather goods (e.g. watchbands, belts). Immediately rinse with lukewarm, gently flowing water for 15-20 minutes. Call a Poison Centre or doctor if you feel unwell.

##### Eye Contact

Immediately rinse the contaminated eye(s) with lukewarm, gently flowing water for 15-20 minutes, while holding the eyelid(s) open. Remove contact lenses, if present and easy to do. Immediately call a Poison Centre or doctor. Specific treatment is required.

##### Ingestion

Immediately call a Poison Centre or doctor. Specific treatment is required. Rinse mouth with water. Never give anything by mouth if person is rapidly losing consciousness, or is unconscious or convulsing. Do not induce vomiting.

### SECTION 5. FIRE-FIGHTING MEASURES

#### Extinguishing Media

##### Suitable Extinguishing Media

Not combustible. Use extinguishing agent suitable for surrounding fire.

##### Unsuitable Extinguishing Media

None known.

#### Specific Hazards Arising from the Product

Pressurized container: May burst if heated.

### SECTION 6. ACCIDENTAL RELEASE MEASURES

#### Personal Precautions, Protective Equipment, and Emergency Procedures

Non-emergency personnel: evacuate the area immediately. Isolate the hazard area. Keep out unnecessary and unprotected personnel. Do not touch damaged containers or spilled product unless wearing appropriate protective

Product Identifier: PSC ALGAE 40 - Ver. 1

Date of Preparation: February 01, 2017

Date of Last Revision: February 01, 2017

equipment. Emergency responders: use the personal protective equipment recommended in Section 8 of this safety data sheet.

#### Environmental Precautions

If the spill is inside a building, prevent product from entering drains, ventilation systems and confined areas. Do not allow into any sewer, on the ground or into any waterway.

#### Methods and Materials for Containment and Cleaning Up

Small spills or leaks: stop or reduce leak if safe to do so. Contain and soak up spill with absorbent that does not react with spilled product. Place used absorbent into suitable, covered, labelled containers for disposal. Large spills or leaks: stop or reduce leak if safe to do so. Dike spilled product to prevent runoff. Dike and recover contaminated water for appropriate disposal. Contact emergency services and manufacturer/supplier for advice.

## SECTION 7. HANDLING AND STORAGE

#### Precautions for Safe Handling

Wear personal protective equipment to avoid direct contact with this chemical. Avoid breathing in this product. Keep containers tightly closed when not in use or empty. Wash hands thoroughly after handling this material.

#### Conditions for Safe Storage

Store in an area that is: cool, ventilated. Protect from sunlight. Store in the original, labelled, shipping container. Store in a closed container.

## SECTION 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

#### Control Parameters

Chemical Name	ACGIH TLV®		OSHA PEL		AIHA WEEL	
	TWA	STEL	TWA	Ceiling	8-hr TWA	TWA
Poly(oxyethylene(dimethyliminio)ethylene(dimethylimino)ethylene dichloride)	Not established		Not established		Not established	

#### Individual Protection Measures

##### Eye/Face Protection

Wear chemical safety goggles and face shield when contact is possible.

##### Skin Protection

Wear chemical protective clothing e.g. gloves, aprons, boots.

##### Respiratory Protection

Wear a NIOSH approved air-purifying respirator with an appropriate cartridge.

## SECTION 9. PHYSICAL AND CHEMICAL PROPERTIES

#### Basic Physical and Chemical Properties

Appearance	Amber liquid.
Odour	Sweet
Odour Threshold	Not available
pH	5.00 - 6.00
Melting Point/Freezing Point	Not available (melting); Not available (freezing)
Initial Boiling Point/Range	100 °C (212 °F)
Flash Point	Not available
Evaporation Rate	Not available
Flammability (solid, gas)	Not available
Upper/Lower Flammability or Explosive Limit	Not available (upper); Not available (lower)
Vapour Pressure	Not available

Product Identifier: PSC ALGAE 40 - Ver. 1

Date of Preparation: February 01, 2017

Date of Last Revision: February 01, 2017

<b>Vapour Density (air = 1)</b>	Not available
<b>Relative Density (water = 1)</b>	1.093
<b>Solubility</b>	Soluble in water
<b>Partition Coefficient, n-Octanol/Water (Log Kow)</b>	Not available
<b>Auto-ignition Temperature</b>	Not available
<b>Decomposition Temperature</b>	Not available
<b>Viscosity</b>	Not available (kinematic); Not available (dynamic)
<b>Other Information</b>	
<b>Physical State</b>	Liquid

## SECTION 10. STABILITY AND REACTIVITY

### Reactivity

Not reactive under normal conditions of use.

### Chemical Stability

Normally stable.

### Possibility of Hazardous Reactions

None expected under normal conditions of storage and use.

### Hazardous Decomposition Products

Will not occur.

## SECTION 11. TOXICOLOGICAL INFORMATION

### Acute Toxicity

Chemical Name	LC50	LD50 (oral)	LD50 (dermal)
Poly(oxyethylene (dimethyliminio)ethylene (dimethylimino)ethylene dichloride)	2.9 mg/L (rat) (4-hour exposure)	1850 mg/kg (rat)	> 2000 mg/kg (rabbit)

### Skin Corrosion/Irritation

Causes mild skin irritation.

### Serious Eye Damage/Irritation

Causes serious eye irritation.

### STOT (Specific Target Organ Toxicity) - Single Exposure

#### Inhalation

Harmful if inhaled.

#### Skin Absorption

No information was located.

#### Ingestion

Harmful if swallowed.

### Aspiration Hazard

No information was located.

### STOT (Specific Target Organ Toxicity) - Repeated Exposure

No information was located.

### Respiratory and/or Skin Sensitization

Not a skin sensitizer.

Product Identifier: PSC ALGAE 40 - Ver. 1

Date of Preparation: February 01, 2017

Date of Last Revision: February 01, 2017

## Carcinogenicity

Chemical Name	IARC	ACGIH®	NTP	OSHA
Poly(oxyethylene (dimethyliminio)ethylene (dimethylimino)ethylene dichloride)	Not Listed	Not Listed	Not Listed	Not Listed

## Reproductive Toxicity

### Development of Offspring

Not known to harm the unborn child.

### Sexual Function and Fertility

Not known to cause effects on sexual function or fertility.

## Germ Cell Mutagenicity

No information was located.

## SECTION 12. ECOLOGICAL INFORMATION

### Ecotoxicity

Toxic to fish, crustacea, based on acute toxicity tests.

### Persistence and Degradability

No information was located.

### Bioaccumulative Potential

No information was located.

### Mobility in Soil

No information was located.

## SECTION 13. DISPOSAL CONSIDERATIONS

### Disposal Methods

Dispose of contents and container in accordance with local, regional, national and international regulations. Store product for disposal as described under Storage in Section 7 of this safety data sheet. Do not reuse empty containers.

## SECTION 14. TRANSPORT INFORMATION

Regulation	UN No.	Proper Shipping Name	Transport Hazard Class(es)	Packing Group
Canadian TDG	3082	Poly(oxyethylene(dimethyliminio)ethylene (dimethylimino)ethylene dichloride)	9	III
IATA (Air)	3082	Poly(oxyethylene(dimethyliminio)ethylene (dimethylimino)ethylene dichloride)	9	III

**Special Precautions** Not applicable

### Transport in Bulk According to Annex II of MARPOL 73/78 and the IBC Code

Not applicable

## SECTION 15. REGULATORY INFORMATION

### Safety, Health and Environmental Regulations

This section is not required by WHMIS.

### Canada

This product has been classified in accordance with the hazard criteria of the Controlled Products Regulations and

Product Identifier: PSC ALGAE 40 - Ver. 1

Date of Preparation: February 01, 2017

Date of Last Revision: February 01, 2017

the SDS contains all of the information required by the Controlled Products Regulations.

**Domestic Substances List (DSL) / Non-Domestic Substances List (NDSL)**

All ingredients are listed on the DSL/NDSL.

## SECTION 16. OTHER INFORMATION

<b>NFPA Rating</b>	<b>Health - 1</b>	<b>Flammability - 1</b>	<b>Instability - 0</b>
<b>SDS Prepared By</b>	Technical Manager		
<b>Phone No.</b>	905-842-8300		
<b>Date of Preparation</b>	February 01, 2017		
<b>Date of Last Revision</b>	February 01, 2017		
<b>Key to Abbreviations</b>	IARC = International Agency for Research on Cancer		
<b>References</b>	CHEMINFO database. Canadian Centre for Occupational Health and Safety (CCOHS). HSDB® database. US National Library of Medicine. Available from Canadian Centre for Occupational Health and Safety (CCOHS). NIOSH Pocket Guide database. National Institute for Occupational Safety and Health. Available from Canadian Centre for Occupational Health and Safety (CCOHS). Registry of Toxic Effects of Chemical Substances (RTECS®) database. Dassault Systèmes/BIOVIA ("BIOVIA"). Available from Canadian Centre for Occupational Health and Safety (CCOHS).		
<b>Additional Information</b>	All information is based upon our current knowledge and experience of our product and is not exhaustive. It applies to the product as defined by the specifications. In case of combinations of mixtures, one must confirm that no new hazards are likely to exist. In any case, the user is not exempt from observing all legal, administrative and regulatory procedures relating to the product, personal hygiene, and integrity of the work environment. (Unless noted to the contrary, the technical information applies only to pure product). To our actual knowledge, the information contained herein is accurate as of the date of this document. However, neither Lawrason's, Inc. nor any of its affiliates makes any warranty, express or implied, or accepts any liability in connection with this information or its use. This information is for use by technically skilled persons at their own discretion and risk and does not relate to the use of this product in combination with any other substance or any other process. The user alone must finally determine suitability of any information or material for any contemplated use in compliance with applicable law, the manner of use and whether any patents are infringed. This information gives typical properties only and is not to be used for specification purposes. Lawrason's Inc. reserves the right to make additions, deletions or modifications to the information at any time without prior notification.		
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Product Identifier: PSC ALGAE 40 - Ver. 1  
Date of Preparation: February 01, 2017  
Date of Last Revision: February 01, 2017

Page 06 of 06