



## Detergicide

### SECTION 1. IDENTIFICATION

<b>Product Identifier</b>	Detergicide
<b>Other Means of Identification</b>	Code No. 520
<b>Recommended Use</b>	Disinfectant Cleaner.
<b>Restrictions on Use</b>	Use only as directed according to label instructions.
<b>Manufacturer</b>	Leysons Products, a division of 1787528 Ontario Inc., 1366 Sandhill Drive, Ancaster, Ontario, L9G 4V5, (905) 648-7832
<b>Emergency Phone No.</b>	Mark Bryans, (905) 648-7832 ext 351, Monday to Friday, 8:00 AM to 3:30 PM CANUTECH, 613-996-6666, 24-hr for Emergencies involving Dangerous Goods
<b>SDS No.</b>	0428

### SECTION 2. HAZARD IDENTIFICATION

#### Classification

Acute toxicity (Oral) - Category 5; Skin corrosion - Category 1B; Serious eye damage - Category 1

#### Label Elements



Danger  
Corrosive  
Harmful if swallowed.  
Causes severe eye damage and skin irritation or burns.  
Wash hands thoroughly after handling.  
Wear protective gloves/protective clothing/eye protection/face protection.

### SECTION 3. COMPOSITION/INFORMATION ON INGREDIENTS

Chemical Name	CAS No.	%	Other Identifiers	Other Names
Quaternary ammonium compounds, benzyl-C12-18-alkyldimethyl, chlorides	68391-01-5	1-5		
Quaternary ammonium compounds, C12-18-alkyl[(ethylphenyl)methyl]dimethyl, chlorides	68956-79-6	1-5		
Poly(oxy-1,2-ethanediyl)-, alpha-(4-nonylphenyl)-omega-hydroxy-, branched	127087-87-0	1-5		

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Sodium tripolyphosphate	7758-29-4	1-5		
Sodium carbonate	497-19-8	1-5		

**Notes**

Concentrations are expressed in % weight/weight.

**SECTION 4. FIRST-AID MEASURES**

**First-aid Measures**

**Inhalation**

If irritation is experienced, remove person to fresh air.  
Get medical advice or attention if you feel unwell or are concerned.

**Skin Contact**

In case of contact, immediately flush skin with plenty of water.  
IF ON SKIN (or hair), remove all contaminated clothing and launder before reuse.  
Call a physician if irritation develops or persists.

**Eye Contact**

Immediately rinse the contaminated eye(s) with lukewarm, gently flowing water for 15-20 minutes, while holding the eyelid(s) open.  
If eye irritation persists, get medical advice or attention.

**Ingestion**

In case of ingestion, call a doctor or anti-poison Centre.

**Most Important Symptoms and Effects, Acute and Delayed**

May be harmful if swallowed.  
May cause skin irritation on prolonged contact.  
May cause severe eye irritation or burns.

**Immediate Medical Attention and Special Treatment**

**Target Organs**

Eyes, skin, respiratory system.

**Medical Conditions Aggravated by Exposure**

Asthma, skin allergies.

**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**

This product presents no unusual hazards in a fire situation.

**Special Protective Equipment and Precautions for Fire-fighters**

Wear full fire fighting equipment and self contained breathing apparatus.

**SECTION 6. ACCIDENTAL RELEASE MEASURES**

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

Wear splash proof goggles, chemical resistant gloves and rubber boots.  
Do not allow contact with clothing.  
Increase ventilation to area or move leaking container to a well-ventilated and secure area.

**Environmental Precautions**

Large quantities of concentrated material should be contained with a suitable absorbent and then disposed with according to local or federal regulations.

### Methods and Materials for Containment and Cleaning Up

Contain and/or absorb spill with commercial absorbents and then place into a suitable container for disposal.

## SECTION 7. HANDLING AND STORAGE

### Precautions for Safe Handling

Do not get in eyes, on skin or on clothing.

Do NOT ingest.

Keep containers tightly sealed when not in use.

Wear gloves and eye protection as a precaution.

### Conditions for Safe Storage

Store in a cool dry area away from incompatible materials.

Keep out of reach of children in a tightly closed container away from food, drink and animal feed.

## SECTION 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

### Control Parameters

Chemical Name	ACGIH TLV®		OSHA PEL		AIHA WEEL	
	TWA	STEL	TWA	Ceiling	8-hr TWA	TWA
Quaternary ammonium compounds, benzyl-C12-18-alkyldimethyl, chlorides		1000 ppm	1000 ppm			
Quaternary ammonium compounds, C12-18-alkyl[(ethylphenyl)methyl]dimethyl, chlorides		1000 ppm		1000 ppm		
Poly(oxy-1,2-ethanediyl)-, alpha-(4-nonylphenyl)-omega-hydroxy-, branched	10 Not established					
Sodium tripolyphosphate	Not established					
Sodium carbonate	Not established					

### Appropriate Engineering Controls

General ventilation is usually adequate.

### Individual Protection Measures

#### Eye/Face Protection

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

#### Skin Protection

Wear protective gloves and clothing to prevent skin contact.

#### Respiratory Protection

Use in well ventilated areas. In case of insufficient ventilation, wear suitable respiratory equipment.

## SECTION 9. PHYSICAL AND CHEMICAL PROPERTIES

### Basic Physical and Chemical Properties

**Appearance** Clear colourless.

**Odour** Soapy

**Odour Threshold** Not available

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<b>pH</b>	~ 11.5
<b>Melting Point/Freezing Point</b>	Not available (melting); 0 °C (32 °F) (freezing)
<b>Boiling point/Initial boiling point</b>	100 °C
<b>Boiling Range</b>	Not available
<b>Flash Point</b>	Not applicable
<b>Evaporation Rate</b>	Not available
<b>Upper/Lower Flammability or Explosive Limit</b>	Not available (upper); Not available (lower)
<b>Vapour Pressure</b>	Not available
<b>Vapour Density (air = 1)</b>	Not available
<b>Relative Density (water = 1)</b>	~ 1.05
<b>Solubility</b>	Soluble in water; Not available (in other liquids)
<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)

## 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.

### Conditions to Avoid

High temperatures.  
Freezing.  
Incompatible materials.

### Incompatible Materials

Strong acids (e.g. hydrochloric acid), strong oxidizing agents (e.g. perchloric acid), strong reducing agents (e.g. hydrides).

### Hazardous Decomposition Products

May include but are not limited to oxides of carbon, nitrogen and ammonia.

## SECTION 11. TOXICOLOGICAL INFORMATION

### Likely Routes of Exposure

Inhalation.  
Skin contact.  
Skin absorption.  
Eye contact.  
Ingestion.

### Acute Toxicity

Chemical Name	LC50	LD50 (oral)	LD50 (dermal)
Quaternary ammonium compounds, benzyl-C12-18-alkyldimethyl, chlorides		50-500 mg/kg (rat)	

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Quaternary ammonium compounds, C12-18-alkyl[(ethylphenyl)methyl]dimethyl, chlorides		> 50-500 mg/kg (rat)	
Poly(oxy-1,2-ethanediyl)-, alpha-(4-nonylphenyl)-omega-hydroxy-, branched	Not available	> 1600 mg/kg (rat)	> 2000 mg/kg (rat)
Sodium tripolyphosphate		6500 mg/kg (rat)	
Sodium carbonate	2300 mg/m3 (rat) (2-hour exposure)	2390 mg/kg (rat)	Not available

**Skin Corrosion/Irritation**

May cause irritation on prolonged contact.

**Serious Eye Damage/Irritation**

May cause moderate to severe eye irritation if not flushed with water immediately.

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

**Inhalation**

Not expected to cause any significant irritation.

**Skin Absorption**

May cause irritation on prolonged contact.

**Ingestion**

May be harmful if swallowed.

**Aspiration Hazard**

May be drawn into the lungs (aspirated) if swallowed or vomited.

**Respiratory and/or Skin Sensitization**

Not expected to produce any respiratory system problems when used in a well ventilated area.

**Carcinogenicity**

Not known to cause cancer.

**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.

**Effects on or via Lactation**

Not known to cause effects on or via lactation.

**Germ Cell Mutagenicity**

Not known to be a mutagen.

## SECTION 12. ECOLOGICAL INFORMATION

### Ecotoxicity

May cause adverse effects in the aquatic environment.

### Persistence and Degradability

May cause adverse effects in the aquatic environment.

### 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.

## SECTION 14. TRANSPORT INFORMATION

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Not regulated under Canadian TDG regulations. Not regulated under US DOT Regulations.

**Special Precautions** Please note: Although this product has a near corrosive pH, the active ingredient making it is not classified corrosive under the TDG regulations.

**Transport in Bulk according to International Maritime Organization Instruments**

Not applicable

## SECTION 15. REGULATORY INFORMATION

### Safety, Health and Environmental Regulations

#### Canada

This product has been classified in accordance with the hazard criteria of the Controlled Products Regulations and the SDS contains all of the information required by the Controlled Products Regulations.

## SECTION 16. OTHER INFORMATION

**SDS Prepared By** Mark Bryans

**Phone No.** (905) 648-7832 ext 351

**Date of Preparation** September 28, 2020

**Disclaimer** To the best of our knowledge, the information contained herein is accurate. However, the user of this product assumes all risks and responsibilities relating to the use of this product. No representation of warranties, either expressed or implied, of merchantability, fitness for a particular purpose or of any other nature are made hereunder with respect to the information or product to which the information refers.

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