

# CITROQUAT

## SECTION 1. IDENTIFICATION

<b>Product Identifier</b>	CITROQUAT
<b>Other Means of Identification</b>	Disinfectant
<b>Other Identification</b>	6655
<b>Recommended Use</b>	Disinfectant.
<b>Restrictions on Use</b>	For industrial and institutional use only.
<b>Manufacturer/Supplier Identifier</b>	Lalema inc., 11450 Sherbrooke Street East, Montreal East, Quebec, H1B 1C1, 514.645.2753, www.lalema.com
<b>Emergency Phone No.</b>	Quebec Poison Control Centre, 1.800.463.5060 Canutec, +1 613.996.6666, 24/7
<b>SDS No.</b>	0096

## SECTION 2. HAZARD IDENTIFICATION

### Classification

Not classified under any hazard class.

### Label Elements

Not applicable

### Other Hazards

Not applicable.

## SECTION 3. COMPOSITION/INFORMATION ON INGREDIENTS

Contains no hazardous ingredients.

### Notes

This product is not regulated by Canada's Hazardous Products Regulations (WHMIS 2015).

## SECTION 4. FIRST-AID MEASURES

### First-aid Measures

#### Inhalation

Move to fresh air. Get medical attention immediately.

#### Skin Contact

Wash with soap and water. If irritation persist, get medical attention.

#### Eye Contact

Immediately flush with plenty of water for at least 15 minutes. If easy to do, remove contact lenses. If irritation persist, get medical attention.

#### Ingestion

Rinse mouth with water. Never give anything by mouth to an unconscious person. Do NOT induce vomiting. Immediately call a Poison Centre or a doctor.

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

Product Identifier:	CITROQUAT
SDS No.:	0096
Date of Preparation:	février 22, 2017

Any additional important symptoms and effects are described in section 11: Toxicology information.

#### **Immediate Medical Attention and Special Treatment**

##### **Target Organs**

None known.

##### **Special Instructions**

Not applicable.

##### **Medical Conditions Aggravated by Exposure**

None known.

## **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**

No information available.

Carbon oxides.

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

Self-contained breathing apparatus and protective clothing.

See Skin Protection in Section 8 (Exposure Controls/Personal Protection) for advice on suitable chemical protective materials.

## **SECTION 6. ACCIDENTAL RELEASE MEASURES**

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

No special precautions are necessary. Use the personal protective equipment recommended in Section 8 of this safety data sheet.

### **Environmental Precautions**

It is good practice to prevent releases into the environment.

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

Contain and soak up spill with absorbent that does not react with spilled product. Place used absorbent into suitable, covered, labelled containers for disposal. Flush spill area.

### **Other Information**

Contact supplier, local fire and emergency services for help.

## **SECTION 7. HANDLING AND STORAGE**

### **Precautions for Safe Handling**

Do not get in eyes, on skin or on clothing. Do not swallow. Only use where there is adequate ventilation. Prevent accidental contact with incompatible chemicals.

### **Conditions for Safe Storage**

Keep container tightly closed and in a well-ventilated place. Store away from heat and light.

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

### **Appropriate Engineering Controls**

Showers, eyewash stations and ventilation system.

### **Individual Protection Measures**

**Eye/Face Protection**

Not required but it is good practice to wear safety glasses or chemical safety goggles.

**Skin Protection**

Wear suitable protective clothing and gloves.

**Respiratory Protection**

Respiratory protection should be worn when there is a potential to exceed the exposure limit requirements or guidelines.

## SECTION 9. PHYSICAL AND CHEMICAL PROPERTIES

**Basic Physical and Chemical Properties**

<b>Appearance</b>	Amber liquid.
<b>Odour</b>	Lemon
<b>Odour Threshold</b>	Not available
<b>pH</b>	6.7 - 8.0
<b>Melting Point/Freezing Point</b>	Not available (melting); ~ 0 °C (freezing)
<b>Initial Boiling Point/Range</b>	~ 100 °C
<b>Flash Point</b>	Not available
<b>Evaporation Rate</b>	Not available
<b>Flammability (solid, gas)</b>	Not applicable
<b>Upper/Lower Flammability or Explosive Limit</b>	Not applicable (upper); Not applicable (lower)
<b>Vapour Pressure</b>	Not available
<b>Vapour Density (air = 1)</b>	Not available
<b>Relative Density (water = 1)</b>	1.00 - 1.02
<b>Solubility</b>	Soluble in water
<b>Partition Coefficient, n-Octanol/Water (Log Kow)</b>	Not available
<b>Auto-ignition Temperature</b>	Not applicable
<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.

**Conditions to Avoid**

Extremes of temperature. Direct sunlight.

**Incompatible Materials**

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

**Hazardous Decomposition Products**

Carbon oxides. Nitrogen oxides.

## SECTION 11. TOXICOLOGICAL INFORMATION

Information presented below is for the entire product, unless otherwise specified.

### Likely Routes of Exposure

Inhalation; skin contact; eye contact.

### Skin Corrosion/Irritation

Causes mild skin irritation.

### Serious Eye Damage/Irritation

Direct contact with eyes may cause temporary irritation.

### Aspiration Hazard

Not known to be an aspiration hazard.

### Carcinogenicity

Not known to cause cancer.

No information was located for: STOT (Specific Target Organ Toxicity) - Single Exposure, STOT (Specific Target Organ Toxicity) - Repeated Exposure, Respiratory and/or Skin Sensitization, Development of Offspring, Sexual Function and Fertility, Effects on or via Lactation, Germ Cell Mutagenicity, Interactive Effects

## SECTION 12. ECOLOGICAL INFORMATION

This section is not required by WHMIS.

## SECTION 13. DISPOSAL CONSIDERATIONS

### Disposal Methods

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

## SECTION 14. TRANSPORT INFORMATION

Not regulated under Canadian TDG regulations.

**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

##### Additional Canadian Regulatory Lists

DIN: 02243065

## SECTION 16. OTHER INFORMATION

**SDS Prepared By** Lalema inc. Laboratory

**Date of Preparation** février 22, 2017

**Date of Last Revision** mai 30, 2017

**Disclaimer** The information herein cannot be reproduced without our written authorization. It is based on experiments and is from sources we believe reliable. Since the use of this product is beyond our control, our only obligation shall be to replace any quantity of product which is proven defective. We cannot assume any risk or liability for results obtained, nor can we accept

Product Identifier: CITROQUAT

SDS No.: 0096

Date of Preparation: février 22, 2017

damages in excess of the purchase price of the product itself, which does not include labour or any consequential damages resulting from the use of this product. Determining the suitability of the product for any intended use shall be solely the responsibility of the user.