EnviroChem International (NZ) LTD

# SAFETY DATA SHEET

## Product Name *Saniquats* *MPI Approved C43*

## 1. PRODUCT AND COMPANY IDENTIFICATION

| | |
|---|---|
| **Product Name:** | ***Saniquats*** |
| **Recommended use:** | **Disinfectant/Cleaner** |
| **Company Details:** | **Envirochem International (NZ) ltd** |
| **Address:** | 59C Allens Road, East Tamaki<br>Auckland. New Zealand |
| **Telephone Number:** | +64 9 262 0800 |
| **Emergency Telephone Number:** | National Poison Information Centre 0800 764 766 |
| **Date of Preparation:** | 01/04/2022 |

## 2. HAZARD IDENTIFICATION

Not considered hazardous in accordance to the HSNO act 1996

## 3. COMPOSITION/INFORMATION ON INGREDIENTS

| Ingredient | CAS # | Concentration % |
|---|---|---|
| Quaternary Ammonium Chloride | 63449-41-2 | <10 |
| Surfactant | | <10 |
| Builders | | <10 |
| Other Ingredient Non-Hazardous | | Balance |

## 4. FIRST AID MEASURES

**Ingestion:**

Immediately rinse mouth with water. If swallowed do not induce vomiting. Give water to drink. Never give anything by mouth to an unconscious person. Seek immediate medical aid immediately.

**Eye Contact:**

Immediately flush eyes with large amounts of water for at least 15 minutes while holding eyelids open. Transport to the nearest medical facility for additional treatment. Do not rub eyes or keep eyes closed

**Skin Contact:**

Remove contaminated clothing. Flush exposed area with water and follow by washing with soap if available.

**Inhalation:**

Remove the effected person out to a ventilated area. If not breathing, give artificial respiration. If breathing is difficult, give oxygen. Seek medical attention.

## 5. FIRE FIGHTING MEASURE

**Extinguishing Media:**

Use dry chemical powder, foam, polymer foam, and water spray or fog type extinguishers. Water may be ineffective on fire. However, water spray may be used to extinguish fires and to absorb heat. Keep containers cool and protect exposed material. If a leak or spill has not ignited, water spray may be used to flush spills away from exposures.

**Hazards from combustion products:**

Evaporation of aqueous component, residual material can burn if ignited. While burning, it will emit toxic fumes including carbon monoxide and carbon dioxide.

**Precautions for fire fighters and special protective equipment:**

Fire fighters to wear self-contained breathing apparatus if risk of exposure to vapour or products of combustion as well as structural fire fighters' uniform.

## 6. ACCIDENTAL RELEASE MEASURES

**Emergency Precautions:**

Personnel involved in the clean up should wear full protective clothing. Evacuate all unnecessary personnel. Increase ventilation. Avoid walking through spilled product as it may slippery. Stop leak if safe to do so. Do not let product reach drain or waterways; advise the Environmental Protection Authority or your local Waste Management.

**Methods and Materials for Containment and Clean Up:**

Soak up spilled product using absorbent, non-combustible material such as sand or soil. Avoid using sawdust or cellulose. When saturated, collect material into suitable, labelled, dry, sealable containers and hold for safe disposal. Once pick-up is complete, flush spill site with plenty of water to eliminate any residue. Hold contaminated water for treatment/disposal.

## 7. HANDLING AND STORAGE

**Handling:**

Wash thoroughly after handling. Natural ventilation is adequate. Avoid contact with eyes, skin and clothing. Keep container tightly closed. Always wash hands before smoking, eating or using the toilet. Wash contaminated clothing and other protective equipment before storage or re-use. Do not dispose of material to sewers or waterways.

**Storage:**

Store in a tightly closed container and locked up. Store in cool, dry, well-ventilated area away from incompatible substances. Keep containers closed at all times, check regularly for leak.

## 8. EXPOSURE CONTROLS / PERSONAL PROTECTION

**Exposure Standards:**

The Occupational Safety and Health Service, NZ Department of Labour have set no Tolerable Exposure Limit (TEL) Workplace Exposure Standards (WES) for this substance.

**Biological limit values:**

None established

**Engineering Controls:**

The use of local exhaust ventilation is recommended (but not mandatory) to control process emissions near the source. Provide mechanical ventilation of confined spaces.

**PERSONAL PROTECTIVE EQUIPMENT:**

**Respiratory Protection:**

Where concentration in air may exceed the limits described in the National Exposure Standards, it is recommended to use a half face filter mask to protect from overexposure by inhalation. A type “A” filter material is considered suitable for this product.

**Eye Protection:**

Always use safety glasses or a face shield when handling this product.

**Skin/Body Protection:**

Always wear long sleeves and long trousers or coveralls, enclosed footwear or safety boots and chemical resistant gloves when manufacturing this product.

## 9. PHYSICAL AND CHEMICAL PROPERTIES

| | |
|---|---|
| **Appearance:** | Colorless |
| **Physical State:** | Liquid |
| **Odour:** | Odourless |
| **pH:** | 8.0-9.0 |
| **Melting/Freezing Point:** | Not available |
| **Initial Boiling point/range:** | >100 Deg |

| | |
|---|---|
| **Solubility:** | Soluble in water |
| **Specific Gravity** | 1.0-1.1 |
| **Vapour Density**: | Not available |
| **Vapour pressure:** | Not available |
| **Ignition Point:** | Not available |
| **Flash Point:** | Not available |
| **Viscosity** | Low |
| **% Volatilities** | Not available |
| **Decomposition Temperature** | Not available |

## 10. STABILITY AND REACTIVITY

**Chemical Stability:**

Stable at room temperature and pressure

**Conditions to avoid:**

No real conditions to avoid

**Incompatible Materials:**

Incompatible with strong oxidizers and acids

**Hazardous decomposition:**

When involved in a fire, this product may generate carbon monoxide

## 11. TOXICOLOGICAL INFORMATION

No adverse health effects expected if the product is handled in accordance with the safety data sheet. Symptoms or effects that may arise if the product is mishandled and the overexposure occurs are:

**Acute Effects**

**Ingestion:**

Small amounts of liquid aspirated into lungs during ingestion, or from vomiting. Ingestion of large amounts of this product will result in headaches, nausea, dizziness and tracheal burning.

**Eye Contact:**

This product is irritating and pain followed by swelling to the conjunctiva.

**Skin Contact:**

This product may be irritating to skin.

**Inhalation:**

May be irritating to respiratory tract. Exposure to high concentrations over an extended period of time may result in muscle weakness, tingling in hands and feet, blurred vision, headaches, nausea, loss of appetite, hallucinations and possible loss of consciousness.

**Toxicological Data:**

For Quaternary Ammonium Chloride: LD50 Rat 1420 mg/kg LD50 mouse 150 mg/kg

## 12. ECOLOGICAL INFORMATION

No data is available for the product.

**Environmental Precautions**

Avoid contaminating waterways

**Persistence and Degradation**

Biodegradable.

**Ecological Toxicity:**

For Quaternary Ammonium Chloride:
LC50 fathead minnow 0.28 mg/l, Exposure: 96 hours
EC50 daphnia magna 0.006 mg/l, Exposure 48 hours

## 13. DISPOSAL COSIDERATIONS

**Disposal Methods:**

Empty packaging should be taken for recycling, recovery or disposal through a suitably qualified or licensed contractor. Care should be taken to ensure compliance with national and local authorities.

## 14. TRANSPORT INFORMATION

**Road and Rail Transport:**

Not Classified as Dangerous Goods by the criteria of New Zealand Dangerous Goods Code for transport by road and rail

**Marine Transport:**

Not Classified as Dangerous Goods by the criteria of international Maritime Dangerous Goods Code for transport by sea.

**Air Transport:**

Not Classified as Dangerous Goods by the criteria of international Air Association Dangerous Goods Regulations for transport by air

| | |
|---|---|
| **Shipping Name:** | Not Applicable |
| **Hazard Class:** | Not Applicable |
| **UN Number:** | Not Applicable |
| **Packing Group:** | Not Applicable |
| **Hazchem Code:** | Not Applicable |

## 15. REGULATORY INFORMATION

| | |
|---|---|
| **HSNO Approval No:** | Not Applicable |
| **Group Standard:** | Not Applicable |
| **HSNO Classification:** | Not Applicable |

## 16. OTHER INFORMATION

| | |
|---|---|
| **New Zealand National Poison Information Centre:** | 0800 764 766 |
| **New Zealand Emergency Services:** | 111 |
| **Envirochem International (NZ) ltd :** | +64 9 262 0800 |

Every endeavour has been made to ensure that the information contained in this publication is reliable and offered in good faith. It is meant to describe the safety requirements of our products and should not be construed as guaranteeing specific properties. Customers are encouraged to conduct their own tests as end user suitability of the product for particular uses is beyond our control. The information is not intended as an inducement to bargain and no warranty expressed or implied is made as to its accuracy, reliability or completeness. Envirochem International (NZ) Limited accepts no liability for loss, injury or damage arising from reliance upon the information contained in this data sheet except in conjunction with the proper use of the product to which it refers. Due care should be taken that the use and disposal of this product is in compliance with appropriate Local Councils regulations.