



# SAFETY DATA SHEET

## Section 1: Identification of the Substance/Mixture and of the Supplier

**Product Name:** Saniquats  
**Proper Shipping Name**  
**Recommended use:** Disinfectant  
**Company Details** EnviroChem International Ltd  
**Address:** 41 Angle Street, Onehunga, Auckland  
**Telephone:** +64 9 262 0800  
**Fax:** +64 9 262 0802  
**Free Phone** 0800 262 0800  
**Emergency Telephone:** National Poison Centre(24 hours, 7days ): 0800 POISON [ 764 766]  
**Date of preparation** 24 August 2014

## Section 2: Hazard Identification

*Signal word: Warning*

- Causes mild skin irritation

**HSNO Approval Number: Group Standard HSR002530.**

**Cleaning Products(Subsidiary Hazard) Group Standard 2006**

### Prevention Statements:

- Read label before use.

### Response Statements

- If skin irritation occurs: Get medical advice/ attention.

## Section 3: Composition/Information on Ingredients

Name	% by Wt.	CAS Number
Alkyl Dimethyl Benzyl Ammonium Chloride	1-10%	68424-85-1
Non Hazardous Ingredients	Balance	

## Section 4: First Aid Measures

**Eyes:**

If medical advice is needed, have product container or label at hand. Immediately call a POISON CENTER or doctor/physician. Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.

**Skin:** Remove/Take off immediately all contaminated clothing. Rinse skin with water/shower. Wash contaminated clothing before reuse. Immediately call a POISON CENTER or doctor/physician.

**Ingestion:** Rinse mouth. Do NOT induce vomiting. Immediately call a POISON CENTER or doctor/physician.

**Inhalation:** Remove to fresh air and keep at rest in a position comfortable for breathing.

For Further Information Telephone (24 Hours)The National Poison Centre: 0800 Poison [764 766]

### Section 5: Fire Fighting Measures

**Flash Point:** Not available

**Auto ignition Temperature:**

**Flammable Limits in Air % by Volume:** Non-flammable. May evolve toxic gases (carbon/ nitrogen oxides, ammonia, chlorides, hydrocarbons) when heated to decomposition.

**Extinguishing Media:**

**Fire Fighting Instructions:** Prevent contamination of drains or waterways.

**Unusual Fire and Explosion Hazards:**

### Section 6: Accidental Release Measures

Stop the leak, if possible. Ventilate the space involved. Contain, vacuum up, place in non-sparking container for disposal. Prevent waterway contamination. Construct a dike to prevent spreading. Collect run-off and transfer to drums or tanks for later disposal.

### Section 7: Handling And Storage

**Handling & Storage:** Store in a cool, dry, well-ventilated area, removed from oxidising agents, anionic detergents, heat or ignition sources and foodstuffs. Ensure containers are adequately labelled, protected from physical damage and sealed when not in use. Check regularly for leaks or spills.

Before use carefully read the product label. Use of safe work practices are recommended to avoid eye or skin contact and inhalation. Observe good personal hygiene, including washing hands before eating. Prohibit eating, drinking and smoking in contaminated areas.

### Section 8: Exposure Controls/Personal Protection

**Engineering Controls:** Avoid inhalation. Use in well ventilated areas.

**Eye / Face Protection:** Wear splash-proof goggles and rubber or PVC gloves. When using large quantities or where heavy contamination is likely, wear: viton (R) gloves and coveralls. Where an inhalation risk exists, wear: a Type A (Organic vapour) respirator

**Body Protection:**

**Respiratory Protection:**

**Exposure Limits:**

## Section 9: Physical And Chemical Properties

Appearance	CLEAR RED LIQUID
Boiling point	100°C approximately
Specific Gravity @20°C	1.00
Vapour Pressure	18 mm Hg @ 20°C
Vapour Density	Not available
Solubility in water	Soluble
Percent Volatile	Not available
Evaporation Rate	As per water

## Section 10: Stability And Reactivity

<b>Stability of the Substance:</b>	Stable under recommended conditions of storage
<b>Conditions to avoid:</b>	Avoid heat, sparks, open flames and other ignition sources
<b>Materials to avoid:</b>	Incompatible with oxidising agents (eg. hypochlorite), anionic detergents (eg. soaps), heat and ignition sources.
<b>Hazardous Decomposition Products:</b>	May evolve toxic gases (carbon/ nitrogen oxides, ammonia, chlorides, hydrocarbons) when heated to decomposition
<b>Conditions Contributing to Hazardous Polymerization</b>	Polymerization is not expected to occur

## Section 11: Toxicological Information

### Health Hazard Summary

This product has the potential to cause adverse health effects with over exposure. Use safe work practices to avoid eye or skin contact and inhalation. Dilution may reduce the potential for adverse health effects. Individuals with pre-existing respiratory impairment (eg. asthma) or skin sensitivities may be more susceptible to adverse effects

<b>Eyes:</b>	Contact may result in irritation, lacrimation, pain and redness
<b>Skin:</b>	Contact may result in drying and defatting of the skin, rash and dermatitis. May cause sensitisation by skin contact
<b>Ingestion:</b>	Ingestion may result in gastrointestinal irritation, nausea, vomiting, abdominal pain and diarrhoea.
<b>Inhalation:</b>	Over exposure to vapours may result in irritation of the nose and throat, coughing, nausea and headache. Occupational exposure to quaternary ammonium compounds has been reported to cause asthma, although rare. Due to the low vapour pressure, an inhalation hazard is not anticipated with normal use.

### Toxicity Data

ALKYL DIMETHYL BENZYL AMMONIUM CHLORIDE (68424-85-1)

LD50 (Ingestion): 426 mg/kg (rat)

LD50 (Intraperitoneal): 100 mg/kg (rat)

## Section 12: Ecological Information

Benzalkonium chloride derivatives/quaternary ammonium compounds are commonly used as disinfectants, indicating toxicity to microorganisms. Benzalkonium chloride is toxic to trout above 2 ppm

## Section 13: Disposal Considerations

For small amounts absorb with sand, vermiculite or similar and dispose of to an approved landfill site. Contact the manufacturer for additional information if larger amounts are involved. Prevent contamination of drains and waterways as aquatic life may be threatened and environmental damage may result.

Dispose of in accordance with relevant local legislation.

## Section 14: Transport Information

NOT CLASSIFIED AS A DANGEROUS GOOD ACCORDING TO LAND TRANSPORT RULE: DANGEROUS GOODS 2005; NZS 5433:2007, UN, IMDG OR IATA

UN No:

Proper Shipping Name:

Dangerous Goods Class:

Subsidiary risk

Packing Group:

Hazchem Code:

## Section 15: Regulatory Information

HSNO Approval No:	HSR002530
Group Standard:	Cleaning Products (Subsidiary Hazard) Group Standard 2006
HSNO Classes:	6.3B

## Section 16: Other Information

New Zealand National Poison Information Centre (24 hours): 0800 POISON [764 766]  
New Zealand Emergency Services: 111

**For General Information:** Nayyar Ghazali: +64 272729562; 0800 262 0800

EnviroChem International Ltd has taken care in compiling this information. No liability is accepted directly or indirectly from its application as conditions of use are outside the Company's control. End users are obliged to conform to relevant Local Government regulations.

End of Safety Data Sheet.