

Material Safety Data Sheet

SECTION 1 CHEMICAL PRODUCT AND COMPANY IDENTIFICATION

Trade name VANOQUAT
Registration number ACT5GNR529/277826/040/0302
Chemical family Disinfectant
Manufacturer/Supplier
Address

Telephone
Fax

SECTION 2 COMPOSITION AND INFORMATION ON ACTIVE INGREDIENTS

Principal component	CAS Number	Classification
C12-15 Alcohol Ethoxylate (7EO)	68131-39-5	Xn;R22. Xi;R41. N;R50
Alkyl dimethyl benzyl ammonium chloride	68424-85-1	Xn;R22. C;R34. N;R50

Classification	Xi	Irritant
	R 38	Irritating to skin
	R 41	Risk of damage to eyes

SECTION 4 FIRST AID MEASURES

Eye contact	S26	Rinse thoroughly with plenty of water, get medical attention immediately
Skin contact	S28	Wash off immediately with plenty of water
Ingestion	S64	Do not induce vomiting, rinse mouth thoroughly, drink plenty of water
	S45	In case of accident or person feeling unwell, seek medical advice immediately (show label where possible)

SECTION 5 FIRE FIGHTING MEASURES

Flammability Non combustible, not considered a significant fire risk

SECTION 6 ACCIDENTAL RELEASE MEASURES

Personal precautions Use proper personal protective equipment as indicated in Section 8
Environmental precautions Clean up spills immediately. Vacuum or sweep up material and place in a suitable container.

SECTION 7 HANDLING AND STORAGE

Handling Wear eye protection. Avoid contact with skin.
Storage Store in clean, dry conditions. Keep container closed and ensure label is intact and legible. Store away from oxidising material

SECTION 8 EXPOSURE CONTROLS/PERSONAL PROTECTION

Engineering measures		Not relevant
Control parameters	S1/2	Keep locked up and out of reach of children
Personal protective equipment		
Respiratory equipment		Respiratory protection not required
Skin and body	S36	Wear suitable clothing
Hands	S37	Wear suitable gloves
Eyes	S39	Wear suitable goggles

VANOQUAT

SECTION 9 PHYSICAL AND CHEMICAL PROPERTIES

Physical state	Liquid
Colour	Clear colourless
Odour	Characteristic
Melting point	minus 1°C
Density, relative	1.060 @ 20°C
Solubility	Soluble in water
Boiling point	100°C
Flash point	Boils without flashing
Explosive properties	None
pH Value, conc. Solution	13,3

SECTION 10 STABILITY AND REACTIVITY

Materials to avoid Strong acids, aluminium, tin, zinc and their alloys

SECTION 11 TOXICOLOGICAL INFORMATION

We have not carried out any animal testing for this product.

SECTION 12 ECOLOGICAL INFORMATION

Potentially hazardous due to the alkalinity of the product

Bioaccumulation This product does not contain any substances expected to bioaccumulate

SECTION 13 DISPOSAL CONSIDERATIONS

Disposal must be in accordance with local and national legislation
Discharge used solutions to drain. Small amounts (less than 5L) of unwanted product may be flushed with water to sewer. Larger volumes must be sent for disposal as special waste. Rinse out empty container with water and consign to normal waste.

SECTION 14 TRANSPORT INFORMATION

No special precautions are necessary. In case of spillages mark roads and warn other road users. Keep public away from the immediate area. Keep upwind to avoid inhaling fumes. Flush road with water.

SECTION 15 REGULATORY INFORMATION

Risk phrases	R41	Risk of damage to eyes
	R 38	Irritating to skin
	Xi	Irritant
Safety phrases	S2	Keep out of reach of children
	S39	Wear eye/face protection
	S26	In case of contact with eyes, rinse immediately with plenty of water and seek medical advice.
	S46	If swallowed, seek medical advice immediately and show this container or label.

SECTION 16 OTHER INFORMATION

Recommendations and restrictions If this product is for resale, ensure that the purchaser receives a copy of this information.

This MSDS summarises at the date of issue our best knowledge of the health, safety and environmental hazard information related to the product, and in particular how to safely handle, use, store and transport the product in the workplace. Since Bitek cannot anticipate or control the conditions under which the product may be handled, used, stored or transported, each user must, prior to usage, review this MSDS in the context of how the user intends to handle, use, store or transport the product in the workplace and beyond, and communicate such information to all relevant parties. If clarification or further information is needed to ensure that an appropriate assessment can be made, the user should contact this company.

The information is provided without warranty of any kind. The recipient of the product is responsible for ensuring that where applicable, existing laws and guidelines are observed.