

# Klercide™

## Low Residue Quat

A high grade, sterile, broad spectrum rotational disinfectant specifically designed to be low residue.

### Advantages

#### ■ Very low residue

Klercide Low Residue Quat is a blend of quaternary ammonium compound and Water for Injection. The product is efficacious at a very low concentration ensuring the product leaves minimal residues making it ideal for high grade cleanrooms and product contact areas including RABS.

#### ■ High quality product

Klercide Low Residue Quat is blended with the highest grade (EP) Water for Injection, with guaranteed endotoxin levels below <math><1.00\text{ EU/ml}</math>. It is triple bagged for easy transfer into Grade A and B cleanrooms.

#### ■ Very effective rotational biocide

Klercide Low Residue Quat has good broad spectrum activity, which will control most microbial contamination likely to be found in a cleanroom environment. It can be used effectively as part of a rotation with any other Ecolab Contamination Control biocide, in particular Klercide Sporicidal Low Residue Peroxide.

#### ■ Easy to use

Klercide Low Residue Quat is classified as non-corrosive so it can be used in most cleanroom applications. The fully adjustable trigger spray allows liquid to be dispensed as either a jet or a spray, which is particularly useful in critical areas. Alternatively, a 5 litre ready-to-use product is available for use in large facilities.

#### ■ Cost effective

All the biocide can be dispensed from the bottle so there is no wastage. The SteriShield Delivery System has been validated to give an in-use shelf life of three months, so there is no need to discard unused product.

### Description

Klercide Low Residue Quat is a sterile cleanroom biocide. The biocide is a mix of a quaternary ammonium compound and Water for Injection. The blend gives broad spectrum activity. No additional activators are required.



Klercide Low Residue Quat is suitable for use on all types of hard surfaces in cleanrooms and controlled environments, isolators, LAFs, equipment exteriors and production vessels.

The biocide blend is 0.2 micron filtered, sterile filled and triple bagged under unidirectional flow in a Grade B (ISO Class 5) cleanroom using a strictly controlled and validated process.

The trigger spray bottle incorporates the patented SteriShield Delivery System and an adjustable trigger. The unique way in which the SteriShield Delivery System works, as a closed system, ensures that the sterility of the contents is preserved throughout use.

## Activity

Broad spectrum activity including:

Bactericidal Activity	<i>S.aureus, E.coli, E.hirae, P.aeruginosa</i>
Yeasticidal Activity	<i>C.albicans</i>
Virucidal Activity (against enveloped viruses)	Bovine Diarrhoea Virus, Vaccinia Virus

## Protocol

Apply directly onto non-porous surfaces using a cleanroom low particulate wipe or mop to ensure complete coverage. Allow a contact time of at least 5 minutes and then wipe dry. Even though Klercide Low Residue Quat is very low residue, where residues must be totally eliminated, wipe down with alcohol such as Klercide 70/30 or water of suitable quality.

Klercide Low Residue Quat can be used as part of a rotation with other disinfectants. Standard best practice of disinfect, wipe and rinse routine should always be used and note should be taken of the safety datasheet which gives conditions and chemicals to avoid for each product.

*Use biocides safely. Always read the label and product information before use.*

## Validation

Manufactured by a ISO 9001:2008, ISO 13485:2012 and European Medical Device Directive 93/42/EEC accredited company.

Certificates of analysis and sterility with every batch.

Sterility tested to an approved pharmacopœial method.

1 year shelf life.

Full supporting documentation is available for this product.

## Product Codes

CODE	OLD CODE	LANGUAGES ON LABEL	DESCRIPTION	WATER QUALITY	STERILE / FILTERED	SIZE	UNIT OF SALE
3078740	3050030	GB;DE;FR;IT; ES;NL	Klercide Low Residue Quat	WFI	Sterile	1.0 litre	6 bottles x 1.0L
3078750	3055710	GB;SE;NO;FI; PL;DK	Klercide Low Residue Quat	WFI	Sterile	1.0 litre	6 bottles x 1.0L
3078730	3050040	GB;DE;FR;IT; ES;NL	Klercide Low Residue Quat	WFI	Sterile	5.0 litre	4 bottles x 5.0L

For more information please contact [info@ecolab.com](mailto:info@ecolab.com) or visit [www.ecolab.com](http://www.ecolab.com)

