

DESCRIPTION

Active is a QAC free disinfectant. The components meet the requirements of current European Legislation and the biocidal element of the formulation is supported in the Biocidal Products Regulation (EU 528/2012).

When used as directed, Active is suitable for use as a disinfectant in Breweries, Dairies, Food Processing and Beverage Production plants. The broad spectrum of biocidal activity also makes Active suitable for use in other high risk industries where good antimicrobial control is required (high care production plants and institutional areas such as schools and nursing homes), particularly in applications where QAC disinfectants are undesirable.

Active has been independently tested by: -

Campden BRI (CCFRA) and passes: -

EN1276 at 10°C at 1% v/v for Bacteria.

EN1650 at 20°C at 1% v/v for yeast and moulds.

Triangle Contact Taint test at 2% (based on BS ISO 4120:1983).

Active has been tested and conforms to EN14476 for a limited spectrum activity at 5%.

At 3% Active is effective against enveloped viruses.

Active has also been independently tested by Lab-Test Laboratorium SC and passed EN13697 at 10°C in dirty test conditions. Active is therefore a very effective non QAC option for disinfection in high care environments.

USE INSTRUCTIONS

Use Active at concentrations between 1% and 3% v/v depending on application.

Active is suitable for disinfecting food contact surfaces; it is not suitable for disinfection of food stuffs.

Active has been demonstrated to be non-tainting at concentrations up to 2% (not tested above this). However, when using it in a non-rinse off environment, consideration must be given to any local regulations and a risk assessment addressing the potential for food contamination should be conducted.

The following are typical example applications, users should refer to Cleaning Instruction Cards for specific guidance. Other applications should be discussed with your Holchem Consultant.

Note: For use under recommended conditions, or variations thereof, users should validate cleaning and disinfection by an appropriate post disinfection swabbing regime.

Surface Disinfection. Active can be used as a surface disinfectant (1% v/v is recommended) following thorough cleaning. It can be applied as a spray through a trigger, pump-up, backpack, pressurised canister sprayer or a venturi applicator. Active should be allowed a contact time of at least 15 minutes. It is non-tainting and not classified as toxic according to European Regulation (EC) No 1272/2008 on Classification, Labelling and Packaging of Substances and Mixtures.

Soak Application. Active can be used for dip or soak disinfection of equipment parts, utensils and tools. For maximum efficacy, items must be soaked for at least 15 minutes at a recommended concentration of 1% v/v. If on removing items from the soak bath there is potential for hold-up or pooling of liquid, it is advisable to rinse items in potable water before re-use. Active can also be used for dip or spray disinfection of sealed packaged foodstuffs being transferred from a low risk to a high care environment. Active is non-tainting, but on opening packages, care should be taken to avoid transfer of Active solutions onto foodstuffs, rinsing with potable quality water may be necessary.



Fogging. Active can be fogged, at up to 3% v/v, into airspaces to control airborne micro-organisms. Fogging, where required, should be used as part of a total cleaning and disinfection regime. During fogging all personnel must be evacuated from the area and fogged areas must not be re-entered until all the fog has settled (typically 1 hour). After fogging it is advisable to rinse surfaces with potable quality water. Advice on fogging is available from Holchem.

BENEFITS

- Versatile and wide spectrum disinfectant.
- Independent assessment of taint.
- Independent assessment of efficacy.
- Quat free.

EFFICACY

Active has demonstrated antimicrobial efficacy against bacteria, yeast, mould and fungi when tested in accordance with the following methods. Full details of test results are available on request.


Organism	EN1276	EN1650	EN13697
Staphylococcus aureus	✓		✓
Enterococcus hirae	✓		✓
Escherichia coli	✓		✓
Listeria monocytogenes	✓		✓
Pseudomonas aeruginosa	✓		✓
Salmonella typhimurium	✓		✓
Yersinia enterocolitica	✓		
Escherichia coli 0157:H7	✓		
Saccharomyces cerevisiae		✓	✓
Aspergillus niger		✓	✓
Candida albicans		✓	✓

 NOT APPLICABLE TO STANDARD

At 3% Active is effective against enveloped viruses.



TECHNICAL DATA

Appearance	Clear colourless liquid
Odour	Detergent
Foam	Low foam
Specific Gravity at 20°C	1.13
pH (Neat)	>13
pH (1% solution at 20°C)	11 – 11.5
Chemical Oxygen Demand (COD)	375 g/L (As supplied)
Storage Temperature Range	-5°C to + 35°C
Shelf Life	Minimum of 2 years under normal conditions
Holchem Classification	

PRODUCT COMPATIBILITY

Active is safe for use on all common materials of construction at 1% v/v, however prolonged contact with Aluminium, Copper, Brass, Bronze, Nickel and Chrome should be avoided. Surfaces containing these metals should not be left soaking in the solution for more than 30 minutes. Stress cracking may occur if used on Polycarbonate materials.

BIODEGRADABILITY

The surfactant(s) used in this preparation complies (comply) with the biodegradability criteria as laid down in the European Detergents Regulation No 648/2004.

TEST METHODS

TRIAMINE – DROPPER TEST METHOD (TEST KIT – TEST0051)

Reagent	Ref.	Equipment	Ref.
TA01 Dropper Bottle (65ml)	TEST0051/01	20 ml Syringe	SKS00822
TA02 Dropper Bottle (65ml)	TEST0051/02	Polycarbonate Test Jar	SKS00823

Step Method

- 1 Using an appropriate syringe transfer X ml of the test solution into the test jar according to the expected range (see table below).
- 2 Add 10 drops of TA01 per 20ml of the sample volume.
- 3 Add TA02 one drop at a time, mixing between each addition.
- 4 The sample will change to yellow/green and then to purple.
- 5 Continue to add TA02 until the sample changes to an **intense blue**.
- 6 Count the total number of drops of TA02 required to go from yellow/green to the intense blue colour.
- 7 **% v/v product = (No. of drops of TA02) x F (Factor)**

Product	Expected Range	Sample Volume X ml	Factor (F)
Active	0 – 1%	40	0.05
Active	0.8 – 2% +	20	0.1



SAFE HANDLING & STORAGE

Keep containers tightly closed.

COSHH places a duty on employers to assess and control the risks of using hazardous substances. The Safety Data Sheet provides the relevant information about the product to assist with this assessment.

PACKS

Active is available in the following pack sizes:

- 4 x 5 Kg
- 25 Kg
- 200 Kg
- 1000 Kg

GENERAL

For accident, emergency and health & safety information refer to the Safety Data Sheet for this product. This product is registered in the UK with the National Poisons Information Service.

EMERGENCY TELEPHONE NUMBERS

Outside Office Hours: - For accidents and spillages involving this product that pose a threat to the environment, or human health, or require immediate first aid advice call: - +44 (0) 7050 265597.

Note: This number will not accept order queries or calls dealing with equipment breakdowns.

Environment Agency (24 hr Advisory Service)	0800 807060
Irish Environmental Protection Agency	Lo Call: 1890 335599
Beaumont Hospital (Dublin, Ireland)	+353 (01) 809 2566

Whilst every effort is made to ensure that the information given in this product information sheet is accurate it is given without guarantee, since the conditions of use are beyond our control.

