

Comprehensive Technical Resource Sheet for the Full Range of InSpec QT Liquid Formats



Features

- An exceptional non-oxidising biocide
- Bactericidal and fungicidal
- Validated 6 months 'in-use' sterility for trigger spray sterile formats
- Trigger spray formats presented as protected systems
- Ready-to-use (RTU) formats manufactured with Water for Injection
- Multiple bags for cleanroom transfer
- Ideal rotational partner for InSpec AN, HA and OX
- RTU and Concentrated formats available
- Manufactured in accordance with GMP
- Active substance compliant with Article 95 of the Biocidal Products Regulation (BPR)

Formulation

InSpec QT is a Quaternary Ammonium Compound (QAC) disinfectant. Ready-to-use formats blended with Water for Injection (WFI).

Active substance concentration, RTU formats: 0.2-0.3% w/w DDAC.

Active substance concentration, concentrated formats: 6-7% w/w DDAC.

Instructions for Use

InSpec QT is designed for spraying, wiping and mopping applications.

Spray Bottles: Hold approximately 15cm to 20cm from area to be treated. Apply to surface to ensure complete coverage for the required contact times.

Screw Cap versions: Pour into an appropriate container for mopping. 100ml concentrate added to 2.4L of water is required for mopping. Apply to surface to ensure complete coverage for the required contact times.

Material Compatibility

Application of solutions, when used as directed, will not affect materials normally encountered in the cleanroom. See compatibility information in the Technical File.

Microbiological Minimum Efficacy Contact Times

Standard	Contact Time
EN 1276 Bacteria	5 Minutes
EN 13697 Bacteria	5 Minutes
EN 1650 Fungi	15 Minutes
EN 13697 Fungi	15 Minutes

Safe Handling and Storage Information

Always wear gloves and goggles or face protection. Always read the label and Safety Data Sheet (SDS) before use.

Store upright in original closed containers, away from sunlight and extremes of temperature. Full guidance on the handling and disposal of this product is available in the Safety Data Sheet (SDS).

Manufacturing Process

InSpec QT is manufactured in accordance with GMP in an ISO 5 cleanroom. The solution is filtered through a 0.2-micron filter at point of fill.

Formulation Batch Release Specifications

Specification	Release Parameters
RTU Formats	
SG	0.990 - 1.010
DDAC Concentration	0.2 - 0.3% w/w
pH	11.5 - 12.5
Colour	Yellow Tint
Clarity	Clear
Odour	Typical
Concentrate Formats	
SG	1.055 - 1.180
DDAC Concentration	6 - 7% w/w
pH	≥12.5
Colour	Light Yellow
Clarity	Clear
Odour	Typical

Sterility

The sterile formats of InSpec QT are gamma irradiated to a validated process (20-50kGy for 5L products, 25-45kGy for all other formats) to give a sterility assurance level (SAL) of 10⁻⁶.

Sterile InSpec QT products are tested for sterility for batch release.

The trigger spray formats have a validated 6-months 'in-use' sterility. The contents are protected using "bag-in-bottle" technology and a membrane-filter trigger.

For screw cap formats, use the entire contents in one session/4-hours to ensure sterility.

Products are double-bagged for the cleanroom transfer process.



Certificates

Each batch of InSpec QT is provided with a Certificate of Analysis (COA) confirming batch release specifications and providing batch manufacturing information.

The COAs for Sterile InSpec QT products contain information regarding the irradiation of the batch and sterility test results.

Formats Available

The following formats of InSpec QT are available:

Product	Code	Cap	Case Size	Container Material	Bags and Material
Sterile Formats					
InSpec QT 900MLS	QTWFI30-900MLS	Trigger	6 x 1L Bottles	PP and co-extruded resin	Double-Bagged LDPE
InSpec QT 900MLS Dose	QTFIDOSE-900MLS	Screw Cap	6 x 1L Bottles	HDPE	Double-Bagged LDPE
InSpec QT 5L	QTFWI30-5LS	Screw Cap	2 x 5L Bottles	HDPE	Double-Bagged LDPE
InSpec QT Concentrate 100ml	QTCNC30-100	Screw Cap	50 x 100ml Bottles	HDPE	Double-Bagged LDPE
Non-Sterile Formats					
InSpec QT 900ML Non-Sterile	NSQTWFI-900ML	Trigger	6 x 1L Bottles	PP and co-extruded resin	Double-Bagged LDPE
InSpec QT 5L Non-Sterile	NSQTWFI-5L	Screw Cap	2 x 5L Bottles	HDPE	Double-Bagged LDPE
InSpec QT Concentrate 100ml Non-Sterile	NSQTCONC-100ML	Screw Cap	50 x 100ml Bottles	HDPE	Double-Bagged LDPE

Transport Information

Product	Code	Case Dimensions	Commodity Code	Cases per Pallet Euro/UK	Dangerous Goods*
Sterile Formats					
InSpec QT 900MLS	QTWFI30-900MLS	27cm x 19cm x 33cm 6.4Kg	38089410	64/60	Not classified as hazardous for transport
InSpec QT 900MLS Dose	QTFIDOSE-900MLS	27cm x 19cm x 33cm 6.4Kg	38089410	64/60	Not classified as hazardous for transport
InSpec QT 5L	QTFWI30-5LS	29cm x 20.5cm x 31cm 10.8Kg	38089410	44/51	Not classified as hazardous for transport
InSpec QT Concentrate 100ml	QTCNC30-100	24cm x 24cm x 24cm 5.9Kg	38089410	60/80	UN 1903 Limited Quantity
Non-Sterile Formats					
InSpec QT 900ML Non-Sterile	NSQTWFI-900ML	27cm x 19cm x 33cm 6.4Kg	38089410	64/60	Not classified as hazardous for transport
InSpec QT 5L Non-Sterile	NSQTWFI-5L	29cm x 20.5cm x 31cm 10.8Kg	38089410	44/51	Not classified as hazardous for transport
InSpec QT Concentrate 100ml Non-Sterile	NSQTCONC-100ML	24cm x 24cm x 24cm 5.9Kg	38089410	60/80	UN 1903 Limited Quantity

*Limited quantity applies to inner packaging of 1L or less for UN 1903