

Data Sheet



QT 70 IPA

QT 70 IPA is a general-purpose disinfectant for use in controlled environments. QT 70 IPA is a blend containing 70% USP grade Isopropyl Alcohol (IPA) and 30% USP WFI filtered to 0.22 micron and gamma irradiated to SAL of 10^{-6} .

Each bottle is lot number and expiry date coded for complete traceability and straightforward record keeping. Bottles come fully assembled with a non-venting, ergonomic trigger sprayer with mist. The closed system (Bag in a Bottle) spray assembly maintains sterility throughout the products use. All sterile product is individually double-bagged in heat sealed poly bags and packaged in cases with individually sealed double case Liners.

Features

- Contains 70% USP Isopropyl alcohol and 30% WFI
- 0.22 micron filtered
- Gamma irradiated to SAL of 10^{-6} at 25-45kGy
- Double-bagged and double sealed polybag case liner
- Acidity value of <0.05 mg NaOH/g
- Non-Volatile Residue (MVR) unit of mg $<0.01\%$
- Lot specific records for each shipment:
 - Certificate of Irradiation
 - Certificate of Analysis
 - Indelible lot & expiry markings on each container



Benefits

- Removes most surface contaminants
- Low residue upon evaporating/no rinsing
- Pre-attached and ready to use trigger sprayer
- No mixing, filtration, sterilization, processing and QC expense
- No handling and assembly of spray head

Applications

- Surface cleaning
- Equipment cleaning
- Gloved hand cleaning in sterile areas

* Non-Sterile product will **NOT** include Gamma Indicators or Double-bagged.

COMPATIBILITY & CORROSION STUDY OF QT 70 IPA

Material	Beginning Weight	Ending Weight	% Change Weight	% Change Thickness	Visual Changes
316 Stainless Steel	224.2	225.1	0	0	None
Galvanized Steel	25.6	25.7	0	0	None
Aluminium	28.2	28.3	0	0	None
Polypropylene	23.9	24.6	0.03	0	None
PVC	34.6	34.6	0	0	None
Polycarbonate	61.2	68.1	0.11	0.35	Opaque colour with slimy film
Vinyl Sheeting	10	10.4	0.04	0.02	None
Buna Rubber	32.7	32.5	0	0	None
Laminate Flooring	11.9	12.1	0.02	0.01	None

The results obtained are summarized in the above table, showing that there were no adverse effects on all tested metals, Buna rubber and PVC. Polycarbonate showed significant changes in thickness and became opaque in colour with a slimy film. The laminate flooring and vinyl showed a slight change in weight and thickness with no visual degradation.

CONCLUSION

It is concluded from the results obtained that QT 70 IPA showed little if any adverse reactions with materials and metals frequently used in cleanrooms and is suitable for surface cleaning, disinfecting and wiping in cleanrooms.

Part No.	Description	Quantity	Dimension	Weight	HS Code	UN Code	Shelf Life
QT1500-16	70% IPA, 30% WFI Bag in Bottle – 473mL – Sterile	12 x 500mL/case	350mm (L) X 280 mm (W) X 248mm (H)	6.5 kg	2905.12.0000	UN1219	36 months
QT1510-32	70% IPA, 30% WFI Bag in Bottle – 946mL – Sterile	6 x 1L/case	305mm (L) x 215mm (W) x 320mm (H)	6.02 kg	2905.12.0000	UN1219	36 months
QT1501-16	70% IPA, 30% WFI Trigger Spray – 473mL - Sterile	12 x 500mL/case	350mm (L) X 280 mm (W) X 248mm (H)	6.5 kg	2905.12.0000	UN1219	36 months
QT1500-16NS	70% IPA, 30% WFI Trigger Spray – 473mL	12 x 500mL/case	350mm (L) X 280 mm (W) X 248mm (H)	6.5 kg	2905.12.0000	UN1219	36 months
QT1511-32	70% IPA, 30% WFI Trigger Spray – 946mL	6 x 1L/case	305mm (L) x 215mm (W) x 320mm (H)	6.02 kg	2905.12.0000	UN1219	36 months
QT1510-32NS	70% IPA, 30% WFI Trigger Spray – 946mL	6 x 1L/case	305mm (L) x 215mm (W) x 320mm (H)	6.02 kg	2905.12.0000	UN1219	36 months
QT1520-128	70% IPA, 30% WFI Screw Cap – 1 gal – Sterile	4 x 1 gal/case	410mm (L) x 260mm (W) x 300mm (H)	15.0 kg	2905.12.0000	UN1219	36 months
QT1520-128NS	70% IPA, 30% WFI Screw Cap – 1 gal	4 x 1 gal/case	410mm (L) x 260mm (W) x 300mm (H)	15.0 kg	2905.12.0000	UN1219	36 months
QT1530-9x20	Presat Polyester Wipes 70% IPA, 30% WFI, 9”x 9” – Sterile	10 pouches/ case	410mm (L) x 460mm (W) x 300mm (H)	6.0 kg	2905.12.0000	UN3175	24 months
QT1530-9x20NS	Presat Polyester Wipes 70% IPA, 30% WFI, 9”x 9”	10 pouches/ case	410mm (L) x 460mm (W) x 300mm (H)	6.0 kg	2905.12.0000	UN3175	24 months
QT1530-12x20	Presat Polyester Wipes 70% IPA, 30% WFI, 12”x12” – Sterile	10 pouches/ case	410mm (L) x 460mm (W) x 300mm (H)	6.0 kg	2905.12.0000	UN3175	24 months
QT1530-12x20NS	Presat Polyester Wipes 70% IPA, 30% WFI, 12”x12”	10 pouches/ case	410mm (L) x 460mm (W) x 300mm (H)	6.0 kg	2905.12.0000	UN3175	24 months
QT1531-911x20	Presat Non-Woven Cellulose Polyester Wipes 70% IPA, 30% WFI, 9”x11” – Sterile	10 pouches/ case	290mm (L) x 190mm (W) x 250mm (H)	3.70 kg	2905.12.0000	UN3175	24 months
QT1531-911x20NS	Presat Non-Woven Cellulose Polyester Wipes 70% IPA, 30% WFI, 9”x11”	10 pouches/ case	290mm (L) x 190mm (W) x 250mm (H)	3.70 kg	2905.12.0000	UN3175	24 months
QT1532-911x20	Presat Non-Woven MBPP Wipes 70% IPA, 30% WFI, 9”x11” – Sterile	10 pouches/ case	290mm (L) x 190mm (W) x 250mm (H)	3.70 kg	2905.12.0000	UN3175	24 months
QT1532-911x20NS	Presat Non-Woven MBPP Wipes 70% IPA, 30% WFI, 9”x11”	10 pouches/ case	290mm (L) x 190mm (W) x 250mm (H)	3.70 kg	2905.12.0000	UN3175	24 months
QT1540-11	70% IPA, 30% WFI BOV Aerosol – Sterile	11oz x 24 cans/case	420mm (L) x 300mm (W) X 245mm (H)	6.0 kg	2905.12.0000	UN1950	36 months
QT1540-11NS	70% IPA, 30% WFI BOV Aerosol	11oz x 24 cans/case	420mm (L) x 300mm (W) X 245mm (H)	6.0 kg	2905.12.0000	UN1950	36 months

PRODUCTS AVAILABLE STERILE OR NON-STERILE.

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