

## Data Sheet



### QT Sporicide

**QT Sporicide** was developed for use as a sterilant broad spectrum disinfectant for surfaces and equipment for industries such as pharmaceutical, biotechnology, medical products manufacturing & research facilities.

**QT Sporicide** is a peracetic acid and hydrogen peroxide solution which is a chemistry that provides fast, effective microbial control including spores. QT Sporicide is a Sterilant- Virucide, Disinfectant- Sanitizer that acts as a booster for alkaline detergents.

**QT Sporicide** is formulated to be used at a 1% v/v dilution (used as a broad-spectrum disinfectant and sterilant).

**QT Sporicide** is recommended for use on pre-cleaned surfaces and equipment.

#### Dilution Ratio for QT Sporicide

**1) Sanitizing Non-Food Contact Packaging Equipment:** 0.5%-4.0% (40 ounces per 8 gallons of water)

**2) Disinfection of Pharmaceutical Surfaces:** 0.4%-1.0% (2 ounces per 4 gallons – 5 ounces per 4 gallons of water)

**3) Sterilization of Manufacturing, Filling, and Packaging Equipment:** 5.0% (6.4 ounces per gallon of water)

#### Specifications:

Appearance:	Clear, Colorless Liquid
IR:	Match Reference
Hydrogen Peroxide:	25.60%-29.40%
Peroxyacetic Acid:	5.25% - 6.40%
Chemical Stability:	Stable under normal temperature
pH (100%):	1.0
Specific gravity:	1.1 - 1.14
Storage Temperature:	Store between 0°C - 35°C



#### Features

- Advanced peracetic acid/hydrogen peroxide blend
- Dilute from concentrate at a 1% v/v dilution with purified water
- Filtered at 0.2 microns
- Designed for the sterilization of manufacturing, packaging and filling equipment in aseptic processes
- Disinfects and cleans in one operation
- Product may be used as a sterilant with a contact time of 11 hours or as a Disinfectant with a contact time of 10 minutes
- Double-bagged and double sealed polybag case liner (Sterile)
- Lot specific records for each shipment:
  - Certificate of Analysis
  - Indelible lot & expiry markings on each container

### **Benefits**

- Provides fast microbial control against a broad range of organisms – bacteria, fungi, viruses and bacterial spores.
- Flexible use options for facility needs
- Economical use dilution for cost effectiveness
- Effective and stable for extended use

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

Part No.	Description	Quantity	Dimension	Weight	HS Code	UN Code	Shelf Life
QT6520-128	Concentrated Sporicide Screw Cap – Sterile	4 X 1 gal/ case	410mm (L) x 260mm (W) x 300mm (H)	18.27 kg	3808.94.9000	UN3109	12 months
QT6520-128NS	Concentrated Sporicide Screw Cap	4 X 1 gal/ case	410mm (L) x 260mm (W) x 300mm (H)	18.27 kg	3808.94.9000	UN3109	12 months

***PRODUCTS AVAILABLE STERILE OR NON-STERILE.***