



# JCHEM – COS QUAT-S (SANITISER)

## Technical Bulletin

**JCHEM- COS QUAT-S(SANITISER)** is a quaternary compound disinfectant, sanitizer and deodorizer. It is effective in against a broad spectrum of bacteria, viruses, yeast, fungi, algae, gram negative and gram positive organisms eg, Staphylococcus aureus, E. Coli, Salmonella, Pseudomonas aereginosa, etc.

**JCHEM- COS QUAT-S(SANITISER)** is non corrosive to most plastics, natural rubber, stainless steel make it suitable for use as a sanitizer, deodorizer for food processing areas and as a general sanitizer for none food processing area.

### PROPERTIES

- Appearance: Clear colourless liquid
- Specific gravity: 1.00 +/- 0.03
- pH neat: 5.0 – 8.0
- Completely miscible with water
- For food preparing area no rinsing is required if use at dosage 200 ppm level
- For non food preparing area (all surfaces) such as hall, door knob... etc no rinsing is required

### APPLICATION AREA

- Food processing equipment, tanks
- Working bench
- Floor
- Vegetables cleaning
- Non food processing area (all surfaces) such as door knob, wall, ...etc

## **GENERAL USE DIRECTIONS**

### **(I) For Food Preparing Area and Equipment**

Before sanitizing, scrap excessive soil and clean the surface of equipment or food preparation area. It is recommended to sanitize the surface at 200 ppm concentration (2.5 ml/litre). No rinsing is required at 200 ppm. However, sanitizing at 400 – 800 ppm (5 – 10 ml/litre) needs thorough rinsing with water after sanitizing.

### **(II) Specific Application – Vegetables Cleaning**

1. Rinse vegetables to remove soil and other impurities.
2. Use **JCHEM- COS QUAT-S(SANITISER)** at 2.5 ml/litre (200 ppm).
3. Soak for 15 – 20 minutes or longer time depending on requirement.
4. Rinse after soaking.

### **(III) Foot Bath Area**

Recommended dosage for foot bath application is 600 – 800 ppm which is 7.5 – 10.0 ml/litre.

### **(IV) For Non Food Preparing Area – Not Directly Contact with Food**

For non food contact area, severe contaminated area, recommended dosage at 1 part of **JCHEM- COS QUAT-S(SANITISER)** with 5 parts of water or more depending on condition. Mop or wipe the surface to be sanitized with **JCHEM-COS QUAT-S(SANITISER)** and no rinsing is required after the application. Recommended dosage for mopping the floor is 10 ml/litre (800 ppm). For best results, clean the surface prior to the sanitizing process.

### **(V) For Fogging/Misting**

Prior to fogging/misting, wet the surface with 600 – 800 ppm solution. Subsequently fog/mist using 800 – 1000 ppm (10.0 – 12.5 ml/litre) solution until the atmosphere reaches dew point.

## **STORAGE**

Store in a cool dry area. Keep away from sunlight and heat.

## **CAUTION**

**JCHEM-COS QUAT-S(SANITISER)** incompatible with most of the detergents, therefore clean and rinse the surface thoroughly prior to the application of **JCHEM-COS QUAT-S(SANITISER)**. Do not mix **JCHEM-COS QUAT-S(SANITISER)** with other detergents. Do not transfer the product from its original container, to avoid contamination.