

# SaniDate<sup>®</sup> 5.0

SANITIZER / DISINFECTANT

## NEED TO KNOW

A high-strength, activated peroxygen concentrate for the sanitation of hard surfaces in packing sheds, food processing plants, and general premises

- EPA Registered
- No Mutational Resistance
- Alternative to Chlorine
- OMRI Listed for Post Harvest Production
- Meets National Organic Program (NOP) Requirements

### WHAT IS SANIDATE 5.0?

A five percent liquid concentrate, SaniDate 5.0 is formulated for clean-in-place applications as well as many general use applications for packing shed, food processing and general premise sanitation.

### WHAT ARE THE ACTIVE INGREDIENTS?

Activated Peroxygen Chemistry (APC):

- 23.00% Hydrogen Peroxide
- 5.30% Peroxyacetic Acid

### WHAT IS APC?

Activated Peroxygen Chemistry is a highly stable chemical technology utilizing hydrogen dioxide, peroxyacetic acid, and proprietary stabilizers and buffers. Bundling these chemistries together creates a highly stable and powerful sanitizer that provides immediate pathogen control.

### WHAT IS SANIDATE 5.0'S MODE OF ACTION?

SaniDate 5.0 works through an oxidation chemical reaction that kills bacteria and fungus. More specifically, SaniDate 5.0 reacts on contact with the enzymes and proteins that make up simple cell organisms such as animal and human health pathogens.

### WHAT APPLICATIONS CAN I MAKE WITH SANIDATE 5.0?

SaniDate 5.0 can be used in the following applications:

#### *Post Harvest Treatments in Packinghouses and Food Processing Plants:*

Direct inject SaniDate 5.0 into spray waters used on process lines to eliminate disease. Treat the water containing plant pathogens that can cause spoilage by injecting SaniDate 5.0 directly into spray system water.

#### *Post Harvest Spray Treatments on Process and Packing Lines:*

Inject SaniDate 5.0 directly into spray system water on process and packing lines to prevent bacterial and fungal diseases that can cause spoilage on post harvest fruits and vegetables.

#### *Direct Injection into Dump Tanks, Hydrocoolers, Spray Systems, and Process Waters:*

For treatment of water containing plant pathogens, inject SaniDate 5.0 and maintain a predetermined residual level by using metering equipment, coupled with ORP measuring probes.

### *Fogging:*

SaniDate 5.0 can be used as an adjunct to acceptable manual cleaning and disinfecting to treat hard, non-porous room surfaces in dairies and beverage/food processing plants.

### *Mold and Mildew Control:*

SaniDate 5.0 effectively inhibits the growth of mold, mildew, and the odors they cause when applied to hard non-porous, non-food contact surfaces.

### IS SANIDATE 5.0 ORGANIC?

SaniDate 5.0 is OMRI Listed for use in organic post harvest processing and National Organic Program (NOP) compliant. Registered with the EPA, SaniDate 5.0 eliminates disease while remaining environmentally-responsible and non-harmful to workers.

### DOES SANIDATE 5.0 CONTROL HUMAN HEALTH PATHOGENS?

SaniDate 5.0 not only eliminates plant and animal pathogens, it is labeled to kill human health pathogens on hard, non-porous surfaces such as:

- *Escherichia coli (e-coli)*
- *Staphylococcus aureus*
- *Pseudomonas aeruginosa*
- *Salmonella enterica*
- *Pediococcus damnosus*
- *Lactobacillus malefermentans*
- *Gram positive and gram negative bacteria*

### WHAT SIZES DOES SANIDATE 5.0 COME IN AND HOW MANY ARE ON A PALLET?

| SIZE       | # ON PALLET   |
|------------|---------------|
| 2.5 gallon | 75 per pallet |
| 5 gallon   | 32 per pallet |
| 30 gallon  | 5 per pallet  |
| 55 gallon  | 4 per pallet  |
| 275 gallon | 1 per pallet  |

Freight is included on all FULL pallet quantity orders shipped to locations in the continental USA.\*

*\*Only applicable for ONE shipping location*

For additional information on SaniDate<sup>®</sup> 5.0 Sanitizer/Disinfectant call us toll-free at: 1-888-273-3088 or visit [www.biosafesystems.com](http://www.biosafesystems.com)