

# *Biosan*



**Bio*san***  
**2205 MPS**

***FDA Accpeted Intervention  
Anti-Microbial***



## FEATURES & BENEFITS

- **Biosan 2205 MPS** is FDA accepted antimicrobial for use in FSIS locations.
- Approved for **online and offline reprocessing**
- Use at low concentrations for **broad-spectrum kill** of gram-positive and gram-negative bacteria.
- Effective against *Staphylococcus aureus*, *Escherichia coli*, and *Salmonella enterica*.
- Can be **used as an acidifier** in scald tanks and as an antimicrobial agent

## SPECIFICATION DATA

<b>Color</b>	Colorless
<b>Physical State</b>	Liquid
<b>Odor</b>	Pungent, vinegar odor
<b>Flash Point °C (°F) DIN</b>	96°C
<b>Miscibility</b>	Completely Miscible (100%)
<b>pH</b>	<1.0 at 25°C
<b>Vapor Pressure</b>	22mm Hg (25°C)
<b>Relative Density</b>	1.142 at 25°C
<b>Freezing Point °C (°F)</b>	-49 (-56)
<b>Weight Per Gallon</b>	9.52 lbs./gal
<b>Active Ingredient(s)</b>	Peroxyacetic Acid - 24.5% Hydrogen peroxide- 6.0%
<b>Other Ingredient(s)</b>	Acetic Acid, Water, Stabilizer
<b>DOT Classification</b>	UN 31098 Organix Peroxide, Type F, Liquid Peroxyacetic Acid, 5.2 (8)
<b>Part Numbers</b>	6221 5 gal 6222 15 gal 6223 55 gal 6224 265 gal

## DISCLAIMER

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## USES

BIOSAN 2205 MPS is a peroxyacetic acid-based microbicide developed for use in Federally Inspected meat, and poultry processing locations. If used as directed, it will help to reduce contamination and cross-contamination of edible food products. Its use is acceptable for direct or indirect contact in or on food, including fruits, vegetables, meat, and poultry in accordance with 21 CFR 173.370 and 21 CFR 173.315. EPA labeling or approval is not required herein in accordance with ARTCA, 1998 under FFDCA #201(q)(1)(B)(i) if used as directed.

**DIRECTIONS FOR USE please see label.**

## COMPATIBLE MATERIALS

Compatible with: PTFE: Polytetrafluoroethylene, 316 Stainless steel, PVDF: Polyvinylidene Fluoride, HDPE: High Density Polyethylene, Kalrez®: Dupont-Perfluoroelastomer

### PUMP

Teflon diaphragms and Teflon, polypropylene, or kynar liquid contact points. Double seated check valve and de-gassing head. Do not use elastomer composite material for seats or gaskets other than Teflon. Peristaltic pumps can be used. – Santoprene squeeze tubes. Check integrity of squeeze tubes regularly.

### TUBING

Teflon Tubing is preferred. FEP or PFA Teflon tubing has good pressure and wear resistance, and is UV and weather resistant. Low density polyethylene tubing is not recommended. High density polyethylene has relatively good resistance but will become brittle with time. Never use any synthetic tubing other than those discussed above

### METALS

Never use brass, copper, iron, or galvanized metal of any kind that will contact even the most dilute solution of OXYSAN 25.

## STORAGE AND HANDLING

Store product in original container, in an upright position. The storage area should be well ventilated and shaded from sunlight as well as protected from sources of radiant heat. Contamination of the product, especially heavy metal ions and alkali, must be avoided. Do not store near reducing agents, fuels, organic material, or other noncompatible materials. Avoid temperatures above 86 F. Use first in, first out storage management. Containers must be vented.

Shelf life is at least one year without notable loss of active oxygen if stored properly.

ALWAYS wear gloves, goggles or face shield, and other appropriate chemical resistant gear.

For First Aid & Safety please refer to SDS.

