



TECHNICAL PRODUCT BULLETIN

MultiMicro™200



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DESCRIPTION:

MultiMicro 200 solution is produced by the Orbio® os3 system. It can be used as both a one-step cleaner-disinfectant as well as a surface sanitizer (food contact and non-food contact). The os3 system is an EPA regulated Pesticide Device manufactured at an EPA registered establishment (EPA Est. No. 090643-KY-001).

USES:

- Replaces Food Contact Surface Sanitizers, Non-Food Contact Surface Sanitizers, and Cleaner-Disinfectants.
- Can be used on hard non-porous surfaces including stainless steel, countertops, glass, glazed ceramic tile, mirrors, and VCT flooring.

ADVANTAGES:

- MultiMicro 200 can replace food contact surface sanitizers, non-food contact surface sanitizers, and one-step cleaner-disinfectants at the same concentration following the appropriate use directions.
- Ready-to-use formula means no measuring, mixing, or diluting.
- Cost effective to produce.
- Produced by an electrolytic cell.
- Produced with water, energy, and a small amount of salt.
- Produced with a controlled, neutral pH.
- No Dyes
- No Fragrances
- No Phosphates
- No Volatile Organic Compounds (VOC)

MultiMicro 200 CLAIMS:

Efficacy testing has been performed using the same procedures that are required for EPA-registered disinfectants and sanitizers. Testing of MultiMicro 200 has been performed by a third party laboratory under good laboratory practice standards (GLP).

- One-Step Cleaner-Disinfectant
 - Bactericidal
 - Virucidal
 - Fungicidal
 - Deodorizer
 - Odor Counteractant
 - Odor Neutralizer
- Food Contact Surface Sanitizer
- Non-Food Contact Surface Sanitizer

MultiMicro 200 is effective against a wide variety (broad-spectrum) of pathogenic microorganisms, including bacteria, antibiotic-resistant bacteria, viruses, and fungi. See label on Orbio® os3 generator for complete organism list and directions for use.

STORAGE PRECAUTIONS & PROPERTIES:

| Container: | Life of MultiMicro 200 Solution |
|--|---------------------------------|
| Closed Spray Bottle, Sealed Jug/Dispensing Container | Seven days |

MultiMicro 200 must be stored in a closed, high-density plastic container in a cool dark area, away from direct sunlight and heat to avoid deterioration.

If MultiMicro 200 solution is below 180 ppm free available chlorine (FAC) according to testing with a chlorine strip, discard and replace with fresh solution from the os3 system.

LIMITATIONS:

- Strong oxidizing agent.
- Dispense only through Orbio Technologies dispensing systems.
- Do not mix this product with ammonia or acid which will produce chlorine gas.
- Do not mix with other cleaning products.

MultiMicro 200 Physical Properties:

| Property | Results |
|---------------------------------|--|
| Active Ingredient | Hypochlorous Acid |
| % of Active Ingredient | 0.02 |
| ppm of Active Ingredient | 200 |
| Color | Clear Colorless liquid |
| Elemental Phosphate | None |
| Foam | None |
| Form | Liquid |
| Freeze Point | 32°F / 0°C |
| Freeze/Thaw | Passes standard test of 3 freeze/thaw cycles |
| Odor | Slight Chlorine |
| pH of Solution | 6-8 |
| Solubility (Tap Water) | Completely Soluble |
| Viscosity | 0.001 Pa.s@20°C |
| Wt. Per Gallon | 8.67 lb/ gal. |
| Volatile Organic Compound (VOC) | None |

**IMPORTANT:
READ AND FOLLOW ALL PRECAUTIONS AND
INSTRUCTIONS BEFORE PROCEEDING.**

DIRECTIONS FOR USE

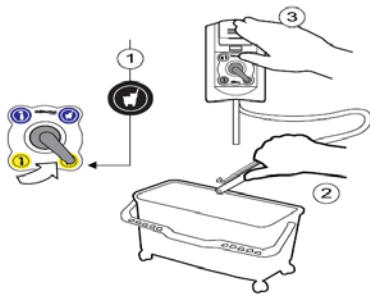
READ PRECAUTIONS ON LABEL BEFORE USING.

**REFER TO WALL CHART AND CLEANING GUIDE FOR
USE APPLICATIONS.**

AUTOMATIC SCRUBBERS

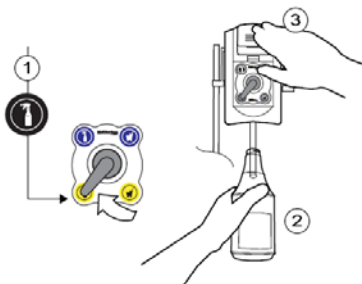
We do not recommend the use of MultiMicro 200 in automatic scrubbers. The proper use of an automatic scrubber allows liquid solutions to contact the floor for only 2-3 seconds. This contact time doesn't allow for effective sanitization or disinfection as required.

CONTAINER FILLING (BUCKETS, PAILS, ETC.)



Filling Buckets and Equipment: Turn selector knob to the bucket fill position for MultiMicro 200. Unhook bucket/equipment fill hose from dispenser and insert into container to be filled. Push the dispenser button to fill the container. The dispenser button can be locked into position for filling large containers. Tap the dispenser button to unlock. Refer to the MultiMicro 200 bottle label for instructions for use. Do not dilute with tap water.

SPRAY BOTTLES



Filling bottles: Turn selector knob to the bottle-fill position for MultiMicro 200. Insert bottle fill nozzle into the spray bottle. Push the dispenser button to fill the bottle. Only use clean bottles properly labeled with labels provided with this machine. Do not use non-labeled or mis-labeled bottles. Refer to the MultiMicro 200 bottle labels for instructions for use. Do not dilute.

PERSONAL PROTECTIVE EQUIPMENT

EYE/FACE PROTECTION: Safety glasses or goggles are recommended. Independent testing has shown the MultiMicro 200 is practically non-irritating to eyes. Wear approved safety glasses as a good hygiene practice. Contact with eyes may cause irritation with redness and tearing.

SKIN PROTECTION: Gloves are not required. Chemical Independent testing has shown MultiMicro 200 is non-irritating to skin. Wear suitable gloves as a good hygiene practice. Under normal conditions of intended use, this material is not expected to be a skin hazard. Prolonged exposure may cause skin irritation.

TECHNICAL SUPPORT / ORDERING

For any questions, please call Orbio Technologies @ 1-800-553-8033.

DISPOSAL OF SOLUTION

Dispose in accordance with federal, state and local regulations.

**PLEASE SEE SAFETY DATA SHEET
(SDS) FOR ADDITIONAL SAFETY
INFORMATION AND PRECAUTIONS.**

**KEEP OUT OF THE REACH OF
CHILDREN.**

**FOR INDUSTRIAL USE ONLY. NOT FOR
RESIDENTIAL USE.**

USE PRODUCT AS DIRECTED.
