

# THE THERMAL-LUBE

## MOLD ABATEMENT POLYMER SOLUTIONS (MAPS)

# XL6400/500

July 2022

### MAPS-1 Quaternary Amine

MAPS-1 is an EPA approved *quaternary amine* based fungicide specifically selected for its antimicrobial efficacy, and for its compatibility with our MAPS-2 SMART Polymer. Quaternary ammonium compounds (quats) are some of the most widely used disinfectants today because of their broad-spectrum effectiveness. Quaternary ammonium compounds work by denaturing the proteins of the bacterial or fungal cell, affecting the metabolic reactions of the cell and causing vital substances to leak out of the cell, causing death. For heavily soiled areas, a preliminary cleaning is required unless applications are required as a result of emergency flooding, hurricane impact or storm damage where MAPS-1 and MAPS-2 are utilized to kill bacteria and/or prevent the spread of mold prior to mold remediation.

### APPLICATIONS:

MAPS-1 may be used for the following applications:

Disinfectant, Cleaner, Mildew-stat, Fungicide, Sanitizer (non-food contact surfaces), Virucide, Deodorizer for Hospitals, Nursing Homes, Whirlpools, Home, Hotels & Motels, Waterbed Conditioner, Institutional, Industrial, Schools, Dairy, Equine, Poultry/Turkey, Farm, Veterinary, Restaurant, Food Handling and Process Areas, Federally Inspected Meat and Poultry Plants, Bar and Institutional Kitchen Use and for Harvesting & Handling Equipment. Small Fly Ovicidal Treatment. Athletic Surface Disinfectant. Non-Acid Bathroom Cleaner. Formulated for effective Poultry Sanitation. Formulated for effective Swine Premise Sanitation. Formulated for effective Mushroom Farm Sanitation.

### BENEFITS:

MAPS-1 contains no phosphorous, no abrasives, bleach, harsh acids, phosphates and it won't scratch surfaces.

MAPS-1 cleans without bleaching. No need for separate deodorizer.

MAPS-1 can be applied through foaming apparatus, low-pressure sprayers, and fogging (wet misting) systems. *Follow manufacturers' instructions when using this equipment.*

Use MAPS-1 on multi-touch surfaces responsible for cross-contamination.

### DIRECTIONS FOR USE:

MAPS-1 may be supplied in a RTU (Ready to USE) or concentrate format and delivers cleaning and germicidal effectiveness. Treated surfaces must remain wet for 10 minutes, then allow to air dry or wipe. For heavily soiled areas, a preliminary cleaning is required. Apply product undiluted and replace if product becomes soiled. Do not use microfiber cloth as it absorbs the quat out of solution.

For complete information, including an updated list of bactericidal efficacies according to the AOAC Use Dilution Test method on hard inanimate surfaces, please refer to the MAPS-1 Master Label.



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