



Maintenance Solutions

SUMMARY OF ANTIMICROBIAL ACTIVITY

SOFT SURFACE SANITIZER AND CARPET DEODORIZER

Cleaner – Sanitizer - Deodorizer

Description

This product will deliver effective sanitizing action against bacteria and mold/mildew and has exceptional cleaning performance. This formulation is a blend of a premium active ingredient and inerts: surfactants, builders and chelates. Biocidal performance is attained when this product is properly diluted at 2 oz. per gallon of water or 1:64. **This product** deodorizes by killing microorganisms that cause offensive odors. Leaves a clean fresh scent. It is a proven effective soft surface sanitizer. Cost effective concentrate for use on soft surfaces. Sanitizes soft surfaces in 5 minutes. Use this product: to remove odors caused by flooding and smoke from fires. For use in: Health Care Facilities, Nursing homes, Day care centers, Nurseries, Business and office buildings, Hotels, Motels, Schools, Airports. Use this product on washable porous surfaces of: soft surfaces, Upholstery, Fabric, upholstered Couches, Sofas Chairs, seat cushions, upholstered cushions, pillows, upholstered furniture, fabric Window treatments, Curtains, Draperies, fabric car seats. This product is effective at sanitizing and eliminating odors on porous surfaces such as upholstery, drapes, carpets, rugs, bedding, shower curtains, mattresses and non-porous surfaces such as walls and floors. Excellent for fire restoration.

Regulatory Summary

EPA Registration No.	6836-75-8325
USDA Authorization	None
California Status	No
Canadian PCP#	None
Canadian Din #	None

Physical Properties

pH of Concentrate	12.4	Flash Point (PMCC)	>212°F
Specific Gravity @ 25°C	1.020	% Quat (mol. wt. 342)	5.5
Pounds per gallon @ 25°C	8.42	% Volatile	89.5-90.5

Summary of Antimicrobial Test Results

Listed below, and in the following pages, is a summary of the Antimicrobial Claims and a review of the Antimicrobial Test Results.

Soft Surface Sanitizer (at 2 ounces per gallon)

Claim: Sanitizer	Contact Time: 5 Minutes	Organic Soil: 5%	Water Conditions: 400 ppm as CaCO ₃
Test Method: Sanitizer Non-Food Contact Surfaces- EPA Dis.5 - For Inanimate, Non- Food Contact Surfaces.			

Organism	ATCC#	Use-Dilution Concentration	Hard Water Condition	Replicates	Results
Enterobacter aerogenes	13048	859 ppm	400 ppm	6	>99.999
Staphylococcus aureus	6538	859 ppm	400 ppm	6	>99.999

Conclusion: All lots of this product effectively killed the above listed bacteria as specified in the test performance standards with greater than 99.999% reduction within one minute. This product is an effective Non-Food Contact Sanitizer against the above listed bacteria on soft surfaces when diluted to 200 ppm in 500 ppm synthetic hard water in the presence of 5% organic soil.

Mold and Mildew Control (at 2 ounces per gallon)

Claim: Mildewstat	Contact Time: 10 minutes	Organic Soil: 5%	Water Conditions: 400 ppm as CaCO ₃
Test Method: Mildewstat (Mold and Mildew Control) - EPA – TSD 6-201 Mildewstat on Hard Surfaces			

Organism	ATCC#	Dilution	Replicates	Results
Aspergillus niger	6275	859 ppm (2 oz/gal)	10, 10, 10	0/10, 0/10, 0/10

Conclusion: All lots of this product were found to be effective against Aspergillus niger as specified in the test performance standards described above. This product is an effective mildewstat for soft surfaces when diluted 1:64 in 400 ppm synthetic hard water in the presence of 5% organic soil.