



chemical-concepts.com
800.220.1966

ShockWave™

Disinfectant/Sanitizer/Cleaner/Fungicide

Product Description

8310/8311

ShockWave is an EPA registered disinfectant, sanitizer and cleaner designed specifically for mold remediation contractors. ShockWave is designed to meet all your disinfecting, sanitizing, cleaning, and de-odorizing needs. ShockWave is strong enough to be used in a hospital or medical environment, and has been specifically formulated to be used on both porous and non-porous materials. ShockWave is a powerful concentrated quaternary ammonium chloride blend that yields up to 64 gallons of usable product from every gallon of concentrate. ShockWave has over 130 organism kill claims including Aspergillus niger, Penicillium spinulosum, E. coli, Salmonella, HIV, Hepatitis-B, Herpes, Poliovirus, and many other pathogenic and environmental microbial organisms.

Application Information

DIRECTIONS

WATER DAMAGE RESTORATION: This product is particularly suitable for use in water damage restoration situations to sanitize against odor causing bacteria on the following porous and semi-porous materials: carpets, carpet cushion, subfloors, drywall, trim and frame lumber, tackless strip and paneling. Using solutions recommended, saturate affected materials with enough product to remain wet for at least 10 minutes.

SEWER BACKUP & RIVER FLOODING: During mitigation procedures, dilute 2-4 ounces of the product per gallon of water allowing for the diluting effect of absorbed water within saturated materials. Remove gross filth or heavy soil along with non-salvageable materials. Saturate all affected areas with a sprayer using a coarse spray tip, before and after cleaning and extraction.

Disinfection: Add two ounces of ShockWave per gallon of water. Remove gross filth or heavy soil. For heavily soiled areas, a pre-cleaning step is required. Apply solution with a cloth, mop, sponge, or hand pump trigger sprayer such that all surfaces remain wet for 10 minutes. Let air dry. Prepare a fresh solution for each use. ShockWave is effective in hard water up to 300 ppm hardness (calculated as CaCo₃) and in the presence of organic soil (5% blood serum).

Fungicide: At 2 oz. per gallon, ShockWave is effective against the pathogenic fungi, Trichophyton mentagrophytes in 5% organic soil. Contact time - 10 minutes.

Virucidal: When used on inanimate, hard, non-porous, environmental surfaces at 2 ounces per gallon of water for a 10 minute contact time (5% organic soil), except for

Poliovirus type 1 (strain): which requires a 20 minute contact time (5% organic soil) and HIV-1 which requires only a 30 second contact time.

Cleaning and Deodorization: ShockWave deodorizes garbage storage areas, empty garbage bins and cans, toilet bowls and any other odor-causing areas. Mix 2 ounces per gallon of water and apply solution to surfaces. Be sure to thoroughly wet surfaces, allow to air dry.

CAUTION!

KEEP OUT OF REACH OF CHILDREN.

Do not take internally.

Close container after each use.

Keep from freezing.

Store in a dry place at temperatures between 40°F (4.5°C) and 90°F (32°C).

24 hour Emergency "CHEM-TEL" -
800.255.3924

FIRST AID

Skin: Remove contaminated clothing. Flush affected areas with large quantities of water. Seek medical attention if irritation persists.

Eyes: Flush with large quantities of water, holding eyelids open. Seek medical attention.

Inhalation: Remove victim to fresh air and monitor. Seek medical attention if symptoms persist.

Ingestion: Give large quantities of water. Seek medical attention immediately.

Properties

Product Specifications

Active Ingredient:	Quaternary Ammonium Chloride
Color:	Clear Blue
Odor:	Fresh Linen
Foam:	0
Flash Point:	>200°F
pH:	11.7
Shelf Life:	36 Months Min. (Original Sealed Container)

Testing

EPA Registration Number:	61178-1-73884
EPA Est. Number:	8325-PA-01

Available Package Sizes

10 oz. bottles (24/case)
1 gallon containers (4/case)

ShockWaveRTU contributes toward satisfying IEQ Credit 3.3 under LEED-EB by complying with "California Code of Regulations maximum allowable VOC levels for disinfectants".

Application Information

Fiberlock Products and CPVC Compatibility

Manufacturers of chlorinated polyvinyl chloride ("CPVC") pipe believe that it can be sensitive to or incompatible with chemicals found in many commonly used household and industrial cleaning products, coatings, adhesives and other compounds, and that those chemicals can cause stress cracks or pipe failure. Fiberlock recommends that users always check pipe for markings that indicate the type of material it is made of and that users contact the pipe manufacturer directly before applying any Fiberlock products to CPVC pipe.



For Technical Information call 800.342.3755

These suggestions and data are based on information we believe to be reliable. They are offered in good faith, but without guarantee, as conditions and methods of use of this product are beyond our control. Neither Fiberlock Technologies, Inc., nor its agents shall be responsible for the use or results of use of this product or any injury, loss or damage, direct or consequential. We recommend that the prospective user determine the suitability of this product for each specific project and for the health and safety of personnel working in the area.

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