



Hard Surface Disinfectant and Deodorant

Quaternary Ammonium

**Hard surface Disinfectant and Deodorant
For use in Clean Rooms and Controlled Areas.**

Also available in **Veltek SimpleMix[®] SYSTEM**

Product Labeling	English
Le produit étiquète	Français(French)
Identificare del prodotto	Italiano(Italian)
Produkt-Beschriften	Deutsch(German)
Etiquetado del producto	Español (Spanish)
Märka för produkt	Svenska (Swedish)
De Etikettering van het product	Nederlands (Dutch)
ملع ي جوتنم	[ك ي برأ] (Arabic)
Produkt mærke	Dansker (Danish)

Veltek Associates, Inc.

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PRODUCT INFORMATION

Read the label and this leaflet before using.

Also see this leaflet for additional helpful information about mixing, specific uses and instruction for general uses.

PRODUCT DESCRIPTION and INSTRUCTIONS

DEC-QUAT 200[®] C is a quaternary ammonium disinfectant and deodorant solution for hard non-porous surfaces in clean rooms and controlled areas. It is a phosphate-free neutral disinfectant that is effective against a broad spectrum of bacteria and inhibits the growth of mold and mildew and their odors when used as directed. This product may be used with a mop and bucket, trigger sprayer, sponge, cloth, foam device or by soaking.

This product is a one-step disinfectant, cleaner and deodorant designed for general cleaning, disinfecting, deodorizing and controlling mold and mildew on hard, non-porous environmental surfaces. It cleans quickly, removing dirt, grime, mold, mildew, and other common soils found in hospitals, nursing homes, medical offices, healthcare clinics, institutions, manufacturing facilities for pharmaceutical, biopharmaceutical, medical device and diagnostic products, and laboratories, public areas and restrooms. It is not for use on food contact surfaces but may be used in food storage rooms.

This product is designed for use on non-food contact hard, non-porous environmental surfaces, such as: vinyl, painted surfaces, plastic, glazed ceramic, glazed porcelain, chrome, stainless steel, aluminum, laminated surfaces and baked enamel surfaces, glazed tile, or any washable non-food contact surface where disinfection is required. This product's non-dulling formula eliminates the time and labor normally required for rinsing. Do not use on food contact surfaces, such as, glasses, dishes, and utensils.

Use this product on finished floors, high speed burnished floors, conductive flooring, washable walls, ceilings, tables, chairs, bathroom bowls, sinks, basins, shower stalls, tubs, tiles, toilets, countertops, cages, cabinets, garbage cans, outdoor furniture, desks, telephones, door knobs and handles, and glass surfaces including windows and mirrors.

DEC-QUAT 200 C is supplied as a concentrated solution of quaternary ammonium compounds. The concentrate is available sterile or non-sterile ready to mix with water. DEC-QUAT 200 C is processed in ISO 5(Grade A/B, former Class 100) clean room manufacturing area by sterile filtration at 0.2 microns. Sterile packages are produced by gamma irradiation after packaging. Each container is double or triple bag packaged and delivered with a lot specific Certificate of Analysis and Sterility Report. DEC-QUAT 200 C is completely traceable and has been validated for sterility and shelf life.

The SimpleMix[®] System Technology Alternative:

Veltek Associates, Inc. has developed the SimpleMix System Technology to eliminate measuring and additional containers. It provides for the transfer of the sterile concentrate and sterile water in a sealed container to the aseptic area. The system container is double bag packaged for easy transfer and eliminates all internal and external sterility concerns. It assures the accurate measurement of a concentrate. The Patented (US Patent 6851580, 7066354) SimpleMix System Gallon and 16oz Systems provide a sealed multi-chamber container that when activated mixes the solution to the use dilution. The opening on the top of the gallon size contains the concentrate and the bottom reservoir contains the USP WFI Quality Water. The 16 ounce side container houses the concentrate and the bottom reservoir houses the USP WFI Quality Water. Just open the small

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DEC-QUAT[®]md 200 C

chamber cap, push the plunger container completely down until the bottom pops open and the bellows are compressed. The solution and water mix together. The system design permits the easy transfer of the product to the aseptic manufacturing area without concern for the transfer of contamination. See **SimpleMix Technical Data Report Available Upon Request.**

DIRECTIONS FOR USE

This product is to be used only in accordance with the directions in this leaflet.

Wear personal protection such as, chemical resistant gloves and eye protection goggles or face shield. Use with adequate ventilation and spray away from eyes and face. Do not breathe spray.

Do not replace excess mixed product back into original container after use or after removal from original container, even if it was not used.

*****For heavily soiled areas, a preliminary cleaning is required*****

To disinfect: First dilute/mix DEC-QUAT 200 C concentrate according to proportions shown below, or activate the SimpleMix package as instructed below. For heavily soiled areas, a preliminary cleaning is required. Apply the use solution to the surface and wet thoroughly. Treated surfaces must remain wet for 10 minutes. This product can be applied by mop, sponge, cloth, paper towel, hand pump or coarse trigger sprayer, auto scrubber or foam gun (device). Change cloth, sponge or towels frequently to avoid re-deposition of soil.

For sprayer applications: use a coarse spray device. Spray 15 cm – 20 cm from surface and rub with brush, sponge or cloth. Do not breathe spray. For disinfection, all surfaces must remain wet for 10 minutes. Rinse all surfaces that may come in contact with food with potable water before reuse.

MIXING STEPS - PREPARATION - USE DILUTION

STEP BY STEP MIXING INSTRUCTIONS TO MAKE USE SOLUTION

In aseptic or clean room areas all preparation should be done using the same cleanliness level routines required for the area. Wear personal protective equipment recommended on the label. Prepare/mix the use dilution/use solution before applying. Mix only with water (sterilized when used in clean rooms) as directed below. Measure concentrate and water carefully with clean or sterilized calibrated measuring device or use the SimpleMix package which contains pre-measured ingredients. Rinse preparation devices thoroughly in water after use.

DISINFECTANT FROM CONCENTRATE

To mix 1 litre of the **use dilution:** (see dilution chart below) or add 4mL of product to 1 Litre of water).

1. Measure water into a clean or sterilized container.
2. Measure and Add the DEC-QUAT 200 C concentrate.
3. Stir or tip closed container side to side to mix well.

Expanded Disinfectant-Dilution Chart

Milliliters of Product	Amount of Water
2 ml	500ml (1/2 litre)
8 ml	2 litres
20 ml	5 litres
40 ml	10 litres

DISINFECTANT from SimpleMix[®] SYSTEM (No measuring, No separate containers)

The SimpleMix container results in the proper **use dilution** without measuring. (See cap on bottle or SM-01-E SimpleMix brochure or activate, as follows:

1. Open the top cap of the small bottle.
2. Push the inner cap firmly down until it will go no further. (This releases the

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concentrate from the small inner reservoir.)

3. Replace the top cap.
4. Tighten top and side caps.
5. Tip the container side-to-side and swirl motion for 15 seconds.
6. Pour from the side of the large bottle section or for smaller SimpleMix container, use trigger sprayer.

GENERAL DIRECTIONS FOR USE

[Note: The application of this product to sterile surfaces in aseptic controlled areas and clean rooms should always be done by trained individuals using good aseptic technique, sterilized implements and materials, such as sterilized cloths or wipes, and sterilized basins, vessels and implements. In non-sterile areas clean non-sterile implements and materials may be used.]

Mix the use dilutions in the proportions shown above, using the steps presented, or prepare the SimpleMix. Some users may wish to validate dilutions for their specific use. (VAI Technical Services Laboratories can arrange additional evaluations or validations as a compensated service. Contact VAI Technical Services at 610-644-8335.)

SPECIFIC USES

Directions for Food Storage Areas: For use on non-food contact surfaces such as shelves, floors, walls and tables. Before using this product, food products and packaging materials must be removed from the room or carefully protected. Then follow Disinfection directions below.

Note: Do not use this product to clean or disinfect glassware, utensils, dishes or interior surfaces of cooking appliances.

Health Care Facilities/Clean Rooms/Controlled Areas:

To disinfect hard non-porous surfaces, treated surfaces must remain thoroughly wet for 10 minutes. For heavily soiled areas, a preliminary cleaning is required. Apply this product by mop, sponge, cloth, paper towel, hand pump or coarse trigger sprayer, auto scrubber. Change cloth, sponge or towels frequently to avoid re-deposition of soil.

For all general cleaning and disinfection: use 4 ml of this product per litre of water (~1:250 dilution), or equivalent dilution, as presented above. For heavily soiled areas to be disinfected, a pre-cleaning step is required. Apply this product to thoroughly wet surface to be disinfected. Allow to remain wet for 10 minutes and then let air dry or wipe dry.

For Use as a One-Step Cleaner/Disinfectant:

1. Pre-clean heavily soiled areas.
2. Apply use solution to hard, non-porous environmental surfaces.
3. To disinfect, all surfaces must remain thoroughly wet for ten (10) minutes.
4. Wipe surfaces (or let air dry).

For Use as a General Cleaner and/or Deodorizer: Apply use solution to surfaces. Wipe surfaces (and let air dry or rinse, as desired).

Mold and Mildew Control: To control the growth of mold and mildew and their odors on hard, nonporous surfaces, apply use solution to thoroughly wet all treated surfaces completely. Let air dry. Repeat application weekly or when growth or odor reappears.

To Kill Fungi: Pre-clean heavily soiled areas. Apply use solution to hard, non-porous environmental surfaces. Allow surface to

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remain wet for 10-15 minutes. Wipe surfaces or let air dry.

Note for floors: Rinsing is not necessary unless floors are to be coated with finish or restorer.

STORAGE AND DISPOSAL

Do not contaminate water, food, or feed by storage and disposal. Keep out of reach of children.

Storage: Store in the original container in a dry cool place below 48.8°C (120° F).

Disposal: Pesticide wastes are toxic. Follow Federal/Provincial/State regulations and Local/Municipal ordinances when disposing of this product. Improper disposal of excess product, spray mixture or rinsate is a violation of Federal/Provincial/State Laws. If these wastes cannot be disposed of by use according to label instructions, contact your Federal/Provincial/State or Local/Municipal environmental control agency for guidance. Never place unused product down any indoor or outdoor drain.

Container Disposal: Do not reuse or try to refill this container. Do not puncture container. Do not incinerate container. Offer for recycling, or dispose of in a sanitary landfill.

Available Lot Specific Sterile/Product Documentation (delivered with each shipment)

- - Certificate of Analysis
- - Certificate of Sterility
- - Certificate of Irradiation

(Registered customers may print this documentation at www.sterile.com or contact VAI customer service or for a sample of this documentation)

Available Technical Data Supplements (Upon Request)

DEC-QUAT 200 C - Technical Data Overview (note: USA EPA version, for Information only)
MSDS VEL-110-EU{Safety Data Sheet document number}

SimpleMix Summary VAI Technical Document SMix-01

If you have any questions, your local VAI Technical Support Representative can assist you in assuring all considerations are addressed prior to use. Please contact VAI USA at +800 00888700, or +610-644-8335, FAX +610-644-8336 Veltek Customer Service for the name and number of your local VAI Sales or Technical Services representative.

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{Translation directions}

- [All pages - Identical information in French language]**
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Foreign language documents are available upon request.

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