



## ANTIMICROBIAL RTU

### A SILANE QUATERNARY AMMONIUM SALT Biostatic/Fungistatic/Algistatic

**PRODUCT DESCRIPTION:** Clearstream's® *SABRETECH®QS* Antimicrobial is a highly effective biostatic/fungistatic/algistatic surface treatment that is specifically designed to form a permanent bond on virtually any surface. This bond creates a long-lasting antimicrobial barrier inhibiting the growth of odor causing organisms with broad spectrum activity, effective against gram (+) and gram (-) bacteria, fungi, algae and yeasts.

**FEATURES:** Good durability *SABRETECH®QS* imparts durable, broad spectrum antimicrobial activity to the surface of a wide variety of substrates; it is leach-resistant and non-migrating and is not consumed by microorganisms. Imparts a safe durable barrier that protects treated surfaces and is highly effective in extreme temperatures and wet weather conditions. Increased efficiency—through proper application, durable bacteriostatic, fungistatic and algistatic surfaces can be attained with a minimum amount of *SABRETECH®QS*.

**APPROVED USES:** Specially formulated for uniform coverage on: **Locations:** Airports, public facilities, shipping terminals, travel rest areas, waysides, cruise ship terminals, truck stops, RV's, boats, ships, barges, cruise ships, buses, public transportation, trains, taxis, airplanes, subway trains, ambulances and EMT facilities, correctional facilities, police and fire stations, military facilities and barracks, athletic facilities, locker rooms, gymnasiums, weight rooms, swimming facilities, day care centers, playgrounds, recreational facilities, nurseries, funeral homes, health fitness clubs, hotels, laundry, museums, entertainment facilities, casinos, public showers and restrooms, schools, colleges, dormitories, sports complexes, supermarkets, convenience stores, retail and wholesale establishments, restaurants, bars, kitchens, food trucks, walk-in coolers and freezers, food storage areas, office buildings, public restrooms, laboratories, hospitals, nursing homes, healthcare facilities.

**SURFACES:** Athletic gear, exercise equipment, athletic training tables, physical therapy tables, exercise equipment, artificial turf, athletic mats, wrestling, and gymnastic mats, automobile interiors, building materials and components for floors, walls, ceilings and fixtures, siding, insulation, wallboard, wood and wood components, plumbing fixtures, vinyl, stone, roofing materials, brick, cement, doors, windows, painted surfaces, aluminum, laminated surfaces, metal, plated steel, stainless steel, glazed porcelain, plastic such as polycarbonate, polyvinylchloride, polystyrene or polypropylene, vinyl and plastic upholstery, bathroom and kitchen surfaces, toilets, bathroom fixtures, books, carpets, carpet underlayment, ceiling tiles, cell phones, telephones, remote controls, ceramic tiles, composite flooring, computers including screens, keyboards, and protective cases, countertops, sinks, tub surfaces, furniture, cabinets, interior hard surfaces, hardware door knobs and handles, light switches, door handles, remote controls, computer trays, other hard, non-porous surfaces, outdoor furniture, picnic tables, playground equipment, restaurant and food establishment furniture, medical equipment, veterinary equipment, water drinking fountains.

**BENEFITS:** Prolongs the life of an article by inhibiting the growth of bacteria and mildew. Provides a treatment that is not destroyed by cleaning or washing. Resists odors and stains through chemical protection.



	Sabretech QS												
	Approximate Spread Rates/ per gallon RTU												
	Applicator												
Surface	Tractor Farm Sprayer	Back Pack Garden Sprayer	Hand Held Garden Sprayer	Low pressure paint sprayer	Electrostatic sprayer	Rag and bucket wipe	Mop and bucket wipe						
Stainless steel/Tile/smooth surface	N/A	SF N/A	SF N/A	SF N/A	SF 4000-8000	SF 500	SF 500						SF
Concrete	N/A	SF 500-1000	SF 500-1000	SF 1000-2000	SF N/A	SF N/A	SF N/A						SF
Indoor porous surfaces/fabric/carpet	N/A	SF 200-600	SF 200-600	SF 400-1000	SF 3000-6000	SF N/A	SF N/A						SF

**HOW TO USE:** SABRETECH®QS Antimicrobial is a Ready to Use (RTU) formula which requires no mixing or dilution. It can be sprayed or wiped onto a wide variety of substrates (refer to directions on label).

After applying treatment, the surface should be allowed to dry. Open windows or other means of ventilation to remove moisture from the area.

Product should be reapplied after heavy use or 90 Days.

To prevent streaking or spotting on glass or high sheen surfaces wipe excess product away before drying.

**NEUTRALIZATION AND ENVIRONMENTAL PROTECTION:** Inactivation of solutions containing SABRETECH®QS may be accomplished by the addition of an anionic surfactant or detergent equivalent in quantity to that of the SABRETECH®QS solution. SABRETECH®QS is toxic to aquatic organisms. Do not discharge effluent into lakes, streams, ponds, oceans or other waters without permit.

**FIRST AID: Skin:** Remove contaminated clothing. Flush affected areas with large quantities of water. Seek medical attention if irritation persists. **Eyes:** Flush with large quantity of water with eyelids open. Seek medical attention. **Inhalation:** If breathing becomes difficult remove victim to fresh air and monitor. Seek medical attention if symptoms persist. **Ingestion:** Have victim drink large amounts of water. Seek medical attention immediately. Do not induce vomiting unless advised to do so by physician or Poison Control Center.

**CAUTION! KEEP OUT OF REACH OF CHILDREN.**

Contact a Physician or Poison Control Center 800-222-1222 if signs or symptoms develop.

**STORAGE AND SHELF LIFE:** When stored in original unopened containers between (33-110°F). SABRETECH®QS has a minimum shelf life of 12 months from the date of shipment. Since the material is moisture sensitive, keep containers tightly closed after each use.

**PROPERTIES: Product Specifications: Active Ingredient:** Silane Quaternary Ammonium Salt

**Color:** Clear to Cloudy to Straw

**Odor:** Mild

**FLASH POINT:** >212°

**pH:** 4.0-6.0

**EPA Reg. No.:** 92057-3

**AVAILABLE PACKAGE SIZES:** 32 oz., 5 Gallon, 55 Gallon, 275 Gallon Totes

**HANDLING:** Wear appropriate personal protective equipment if electrostatic spraying or fogging, including but not limited to goggles face shield, respiratory protection.