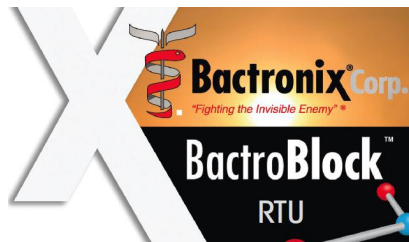


Issued March 2020

BactroBlock®



Safety Data Sheet

#1722 02-3

SECTION 1—IDENTIFICATION

BactroBlock®

EPA Reg. No. 87583-3-90406

Bonded Antimicrobial Disinfectant

MANUFACTURER / DISTRIBUTOR:

BACTRONIX CORP.
530 Lindbergh Drive
Moon Township, PA 15108

PHONE NUMBERS:

Product Information : 855-515-3231
Medical Emergency : 800-535-5053

CHEMICAL FAMILY:

ORGANOSILANE

SECTION 2—Hazardous Identification

Classification of the substance or mixture:

Not classified for physical or health hazards under GHS.

Hazard Statements:

Precautionary Statements:

If medical advice is needed, have product container or label at hand.
Read label before use.

Other Non-GHS Classification:



NFPA SCALE (0-4)

WHMIS
NFPA/HMIS

Health	1
Flammability	0
Physical Hazard	1
Personal Protection	B

HMIS RATINGS (0-4)

SECTION 3— COMPOSITION/INFORMATION ON INGREDIENTS

INGREDIENTS:

CAS 27668-52-6 3-(Trihydroxysilyl) propyldimenhyloctadecyl ammonium chloride <1%
percentages based on weight

SECTION 4—FIRST AID MEASURES

After Inhalation:

Loosen clothing as necessary and position individual in a comfortable position. Move exposed to fresh air. Give artificial respiration if necessary. If breathing is difficult—give oxygen. Get medical assistance if cough or other symptoms appear

After Skin Contact:

Rinse/flush exposed skin gently using soap and water for 15-20 minutes. Seek medical attention if discomfort or irritation persists.

After Eye Contact:

Protect unexposed eye. Rinse/flush exposed eye(s) gently using water for 15-20 minutes. Remove contact lens(es) if able to do so during rinsing. Seek medical attention if irritation persists or if concerned.

After Swallowing:

Rinse mouth thoroughly. Do not induce vomiting. Seek Medical attention if irritation, discomfort, or vomiting persists. Never give anything by mouth to an unconscious person.

Most important symptoms and effects, both acute and delayed:

Irritation, headache, nausea, shortness of breath.

Indication of immediate attention and special treatment needed:

If seeking medical attention, provide SDS document to physician. Physician should treat symptomatically.

SECTION 5—FIRE FIGHTING MEASURES

Extinguishing Media

Suitable extinguishing agents: Use water, dry chemical, chemical foam, carbon dioxide, or alcohol-resistant foam

For safety reasons unsuitable extinguishing agents:

Special Hazards Arising from the Substance or Mixture:

Thermal decomposition can lead to release of irritating gases and vapors

Advice for Firefighters:

Protective Equipment: wear protective eyewear, gloves and clothing. Refer to Section 8. Use NIOSH-approved respiratory protection/breathing apparatus

Additional Information (Precautions): Avoid inhaling gases, fumes, dust, mist, vapor, & aerosols. Avoid contact with skin, eyes, and clothing

SECTION 6— ACCIDENTAL RELEASE MEASURES

Personal precautions, protective equipment and emergency procedures:

Ensure adequate ventilation. Ensure that air-handling systems are operational.

Environmental Precautions:

Should not be released into environment. Prevent from reaching drains, sewer, or waterway.

Methods and material for containment and cleaning up:

Wear protective eyewear, gloves, and clothing. Refer to Section 8. Always obey local regulations. Containerize for disposal. Refer to section 13. If necessary, use trained response staff or contractor. Evacuate personnel to safe areas. Keep in suitable closed containers for disposal.

Reference to other sections:

SECTION 7 — HANDLING AND STORAGE

Handling: Avoid contact with skin, eyes and clothing. Follow good hygiene procedures when handling chemical materials. Refer to Section 8. Follow proper disposal methods. Refer to Section 13. Do not eat, drink, smoke or use personal products when handling chemicals.

Storage (including incompatibilities): Store in a cool location. Keep away from food and beverages. Protect from freezing and physical damage. Provide ventilation for containers. Keep container tightly sealed. Store away from incompatible materials.



SECTION 8 — EXPOSURE CONTROL / PERSONAL PROTECTION



Control Parameters: No applicable occupational exposure limits

Appropriate Engineering Controls: Emergency eye wash fountains and safety showers should be available in the immediate vicinity of use or handling. Provide exhaust ventilation or other engineering controls to keep the airborne concentrations of vapor and mists below the applicable workplace exposure limits. (Occupational Exposure Limits—OELs) indicated above.

Respiratory Protection: Not required under normal conditions of use. Where risk assessment shows air-purifying respirators are appropriate—use a full-face particle respirator type N100 (US) or type P3 (EN 143) respirator cartridges as a backup to engineering controls. When necessary, use NIOSH approved breathing equipment

Protection of Skin: Select glove material impermeable and resistant to the substance. Select glove material based on rates of diffusion and degradation. Dispose of contaminated gloves after use in accordance with applicable laws and good laboratory practices. Use proper glove removal techniques without touching outer surface. Avoid skin contact with used gloves. Wear protective clothing.

Eye Protection: Wear equipment for eye protection tested and approved under appropriate government standards such as NIOSH (US) or EN 166 (EU). Safety glasses or goggles are appropriate eye protection.

General Hygienic Measures: Perform routine housekeeping. Wash hands before breaks and at the end of work. Avoid contact with skin, eyes, and clothing. Before wearing, wash contaminated clothing.

SECTION 9— PHYSICAL AND CHEMICAL PROPERTIES

Appearance:	Clear, colorless liquid	Explosion limit lower:	Not Determined
		Explosion limit upper:	Not Determined
Odor:	Mild	Vapor Pressure:	Not Determined
Odor Threshold:	Not Determined	Vapor Density:	Not Determined
pH-value:	Approx 5.0	Relative Density:	1.003
Melting/Freezing Point:	Not Determined	Solubility:	Material is water soluble
Boiling Point/ Boiling Range:	Above 210F	Partition coefficient (n-octanol/water):	Not Determined
Flash Point (closed cup):	Not Determined	Auto/Self-ignition temperature	Not Determined
Evaporation Rate:	Not Determined	Decomposition temperature:	Not Determined
Flammability (solid, gaseous):	Not Determined	Viscosity:	A. Kinematic: Not Determined B. Dynamic: Not Determined

SECTION 10— STABILITY AND REACTIVITY

Reactivity: Non-reactive under normal conditions

Chemical Stability: Stable under normal conditions

Possible Hazardous Reactions: None under normal processing

Conditions to Avoid: Incompatible materials. Do not mix with cleaners. Do not freeze. Avoid heat.

Incompatible Materials: Sodium Oxidizers

Hazardous decomposition products: N/A

SECTION 11— TOXICOLOGICAL INFORMATION

Acute Toxicity: No additional information

Chronic Toxicity: No additional information

Corrosion Irritation: No additional information

Sensitization: No additional information

Single Target Organ: No additional information

Numerical Measures: No additional information

Carcinogenicity: No additional information

Mutagenicity: No additional information

Reproductive Toxicity: No additional information

SECTION 12— ECOLOGICAL INFORMATION

Ecotoxicity Persistence and Degradability: N/A

Bioaccumulative Potential: N/A

Mobility in Soil: N/A

Other Adverse Effects: N/A

SECTION 13— DISPOSAL CONSIDERATIONS

Waste Disposal Recommendations:

Contact a licensed professional waste disposal service to dispose of this material. Dispose of empty containers as unused product. Product or containers must not be disposed with household garbage. It is the responsibility of the waste generator to properly characterize all waste materials according to applicable regulatory entities (US 40CFR262.11). Chemical waste generators must determine whether a discarded chemical is classified as a hazardous waste. Chemical waste generators must also consult local, regional, and national hazardous waste regulations. Ensure complete and accurate classification.

SECTION 14— TRANSPORT INFORMATION

UN-Number

Not Regulated

UN Proper Shipping Name

Not Regulated

Transport Hazard Class(es)

Packing Group: Not Regulated

Environmental Hazard:

Transport in Bulk

Special Precautions for User:

SECTION 15— REGULATORY INFORMATION

United States (USA)

SARA Section 311/312 (Specific toxic chemical listings):

None of the ingredients are listed

SARA Section 313 (Specific toxic chemical listings):

None of the ingredients are listed

RCRA (hazardous waste code):

None of the ingredients are listed

TCSA (Toxic substance Control Act):

All ingredients are listed

CERCLA (Comprehensive Environmental Response, Compensation, and Liability Act):

None of the ingredients are listed

Proposition 65 (California)

Chemicals known to cause cancer:

None of the ingredients are listed

Chemicals known to cause reproductive toxicity for females:

None of the ingredients are listed

Chemicals known to cause reproductive toxicity for males:

None of the ingredients are listed

Chemicals known to cause developmental toxicity:

None of the ingredients are listed

Canada

Canadian Domestic Substances List (DSL):

All ingredients are listed

Canadian NPRI Ingredient Disclosure List (limit 0.1%)

None of the ingredients are listed

Canadian NPRI Ingredient Disclosure List (Limit 1%)

None of the ingredients are listed

SECTION 16—OTHER INFORMATION

This product has been classified in accordance with hazard criteria of the Controlled Products Regulations and the SDS contains all the information required by the Controlled Products Regulations. Note: The responsibility to provide a safe workplace remains with the user. The user should consider the health hazards and safety information contained herein as a guide and should take those precautions required in an individual operation to instruct employees and develop work practice procedures for a safe work environment. The information contained herein is, to the best of our knowledge and belief, accurate. However, since the conditions of handling and use are beyond our control, we make no guarantee of results, and assume no liability for damages incurred by the use of this material. It is the responsibility of the user to comply with all applicable laws and regulations applicable to this material.

GHS Full Text Phrases:**Abbreviations and Acronyms:**

IMDG: International Maritime Code for Dangerous Goods

IATA: International Air Transport Association

GHS: Globally Harmonized system of Classification and Labeling of Chemicals

ACGIH: American Conference of Governmental Industrial Hygienists

CAF: Chemical Abstracts Service (division of the American Chemical Society)

NPFA: National Fire Protection Association (USA)

HMIS: Hazardous Material Identification System (USA)

WHMIS: Workplace Hazardous Materials Information System (Canada)

DNEL: Derived No-Effect Level (REACH)

PNEC: Predicted No Effect Concentration (REACH)

CFR: Code of Federal Regulations (USA)

SARA: (Superfund Amendments and Reauthorization Act (USA)

RCRA: Resource Conservation and Recovery Act (USA)

TSCA: Toxic Substances Control Act (USA)

NPRI: National Pollutant Release Inventory (Canada)

DOT: US Department of Transportation

Effective Date: 10.24.2015

Last Updated: 3.8.2016

END OF SDS
