

Safety Data Sheet

SD-ST Antimicrobial, cas: 27668-52-6

SDS Date of Preparation/Update: 3/14/2019

SECTION 1: GENERAL INFORMATION



SD Labs
22 Westview Lane
Brookfield, CT 06804

Telephone: 1-844-MICROBE
Emergency Contact: (203) 974-2099
Recommended Use: Surface Coating Spray
Use Restrictions: No Data Available

SECTION 2: HAZARD(S) IDENTIFICATION

GHS Classification

Skin Irritation: Category 2
Eye Irritation: Category 2
Respiratory/Skin Sensitization: Category 1

Hazard Statements

H316: Causes mild skin irritation
H317: May cause an allergic skin reaction
H320: Causes eye irritation
H335: May cause respiratory irritation

Precautionary Statements

Prevention

P264: Wash skin thoroughly after handling

Response

P304+P341: If inhaled and breathing is difficult, remove individual to fresh air and keep at rest in a position comfortable for breathing.
P305+P351+P338: If in eyes: rinse cautiously with water for several minutes. Remove contact lenses.
P332+P313: If skin irritation occurs, seek medical advice/attention
P337+P313: If eye irritation persists, seek medical advice/attention

SECTION 3: COMPOSITION/INFORMATION ON INGREDIENTS

Chemical	Concentration	Trade Secret
3-(Trimethoxysilyl) propyldimethyloctadecyl ammonium	≤ 3	27668-52-6
Inert ingredients	≥ 97	*

*the exact concentration of composition has been withheld as a trade secret according to 29 CFR 1910.1200(i)

SECTION 4: FIRST AID MEASURES

General Advice: In the case of accident or if feeling unwell, seek medical attention. When symptoms persist or in cases of doubt, seek medical advice. Present medical professionals with this safety data sheet.

Inhalation: If breathing is difficult, move to fresh air environment and keep at rest in a position comfortable for breathing. If breathing remains affected, seek medical attention.

Skin Contact: Wash thoroughly with water. If necessary, remove contaminated clothing. If skin irritation occurs, seek medical advice.

Ingestion: Rinse mouth thoroughly with water. Sip a glassful of water. Seek medical attention. Do not induce vomiting unless directed by a Poison Control Center or physician.

Symptoms and Effects: May cause skin, eye and respiratory irritation.

First Aid Providers: First Aid responders should pay attention to self-protection and use the recommended personal protective equipment when the potential for exposure exists.

Notes to Physician: Treat symptomatically and supportively.

SECTION 5: FIRE FIGHTING MEASURES

Suitable Extinguishing Media: Use extinguishing measures that are appropriate to local circumstances and the surrounding environment.

Unsuitable Extinguishing Media: CAUTION: Use of water spray when fighting fire may be inefficient.

Specific Hazards from the Chemical: No Data Available

Explosion Data: No Data Available

Sensitivity of Mechanical Impact: None

Sensitivity to Static Discharge: None

Protective equipment and precautions for firefighters: As in any fire, wear self-contained breathing apparatus pressure-demand, MSHA/NIOSH approved (or equivalent) and full protective gear.

Safety Data Sheet

Product: SD-ST

SDS Date of Preparation/Update: 3/14/2019

SECTION 6: ACCIDENTAL RELEASE MEASURES

Personal Precautions, Protective Equipment and Emergency Procedures

Personal Precautions: Avoid contact with eyes, skin and clothing. Use personal protective equipment as required.

Environmental Precautions: No Data Available

Methods and Material for Containment and Clean Up

Absorb and containerize. Wash residual down to sanitary sewer. For large spills, provide diking or other appropriate containment to keep material from spreading. If diked material can be pumped, store recovered material in appropriate container. Clean up remaining materials from spill with suitable absorbent. Contact the sanitary treatment facility in advance to assure ability to process washed-down material.

SECTION 7: HANDLING AND STORAGE

Precautions for Safe Handling

Handling: Handle in accordance with good industrial hygiene and safety practice. Avoid contact with skin, eyes or clothing. Do not eat, drink or smoke when using this product.

Conditions for Safe Storage, including any incompatibilities

Storage: Keep properly labeled containers tightly closed and in a dry environment with general room ventilation. To ensure optimal product performance, store at room temperature (> 60° F). Avoid freezing.

Incompatible Products: No data available.

SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION

Control Parameters

Exposure Guidelines: OSHA PELs, NOISH RELs and ACIH TLVs have not been established for this product.

Individual Protection Measures

Eye/Face Protection: If splashes are likely to occur: Wear safety glasses (with side shields) or goggles. None required for consumer use.

Skin and Body Protection: Wear protective gloves and protective clothing.

Respiratory Protection: If irritation is experienced, NIOSH/MSHA approved respiratory protection should be worn. Respiratory protection must be provided in accordance with current local regulations.

Hygiene Measures: Remove and wash contaminated clothing before reuse. Avoid contact with skin, eyes or clothing. Do not eat, drink or smoke when using this product.

SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

Physical State: Liquid

Appearance: Colorless, Clear to very slightly hazy at room temperature

Odor: Alcohol-like

Odor Threshold: No Data Available

Property	Values	Remarks/Method
pH	5	Strip Test
Water Solubility	Soluble in Water	None Known
Explosive Properties	Non-Explosive	None Known

Other Information

Softening Point: No Data Available

VOC Content (%): No Data Available

Particle Size: No Data Available

Particle Size Distribution: No Data Available

SECTION 10: STABILITY AND REACTIVITY

Reactivity: Not classified as a reactivity hazard

Chemical Stability: Stable under recommended storage conditions

Possibility of Hazardous Reactions: None under normal use and processing

Conditions to Avoid: None known

Incompatible Materials: Soaps, anionic surfactants

