

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.

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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

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Hazardous Decomposition Products: None known
Polymerization: Hazardous polymerization does not occur

SECTION 11: TOXICOLOGICAL INFORMATION

Likely Routes of Exposure

Inhalation: Exposure to vapor or mist may irritate respiratory tract.
Eye Contact: May cause eye irritation.
Skin Contact: Prolonged contact may cause irritation.
Ingestion: Ingestion may cause irritation to mucous membranes and gastrointestinal tract.

Information on Toxicological Effects

Oral LD50: > 5000 mg/kg Dermal LD50: > 5000 mg/kg

Delayed and Immediate Effects, as well as chronic effects from short and long-term exposure

Sensitization: No Data Available
Mutagenic Effects: No Data Available
Carcinogenicity: Not Known
Reproductive Toxicity: Not Known
Target Organ Effects: Not Known

SECTION 12: ECOLOGICAL INFORMATION

Environmental Effects: No known significant effects or critical hazards.

SECTION 13: DISPOSAL CONSIDERATIONS

The generation of waste should be avoided or minimized wherever possible. Disposal of this product, solutions and any by-products should at all times comply with the requirements of environmental protection and waste disposal legislation and any regional local authority requirements. Dispose of surplus and non-recyclable products via a licensed waste disposal contractor. Waste should not be disposed of untreated to the sewer unless fully compliant with the requirements of all authorities with jurisdiction. Waste packaging should be recycled. Incineration or landfill should only be considered when recycling is not feasible. This material and its container must be disposed of in a safe way. Care should be taken when handling emptied containers that have not been cleaned or rinsed out. Empty containers or liners may retain some product residues. Avoid dispersal of spilled material and runoff and contact with soil, waterways, drains and sewers. Disposal should be in accordance with applicable regional, national and local laws and regulations. Refer to: Sections 6, 7 and 8 for additional handling information and protection of employees.

SECTION 14: TRANSPORT INFORMATION

Non-Hazardous Material: Not applicable to products supplied.
IATA-DGR: Non-Hazardous goods – no ID number, class or packing group assigned.
IMDG: Non-Hazardous goods – no ID number, class or packing group assigned.

SECTION 15: REGULATORY INFORMATION

ANVISA Registration Number(s): 3.5048.0001.001-1; 3.5048.0001.002-8; 3.5048.0001.003-6
US EPA: Classified as Treated Article under FIFRA Requirements

SECTION 16: OTHER INFORMATION

Disclaimer

The information contained herein is, to the best of our knowledge and belief, accurate and current as of the date of this SDS. 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 use of this material. All chemicals may present unknown health hazards and should be used with caution. Although certain hazards are described herein, we cannot guarantee that these are the only hazards which exist. Final determination of suitability of the chemical is the sole responsibility of the user. No representations or warranties, either expressed or implied, of merchantability, fitness for a particular purpose or any other nature are made hereunder with respect to the information contained herein or the chemical to which the information refers. It is the responsibility of the user to comply with all applicable federal, state and local laws and regulations.