

SECTION 1: Identification of the substance/mixture and of the supplier

Product name: STEP 2 Antimicrobial Surface Protectant RTU

Manufacturer/Supplier Trade name: PermaSafe Protective Coatings

Manufacturer/Supplier Article number: #PPC2008

Recommended uses of the product and uses restrictions on use:

Provides an invisible microbiostatic coating to inhibit the growth of odor causing bacteria, bacteria which cause staining and discoloration, fungi (mold and mildew) and algae.

Manufacturer / Distributor Details:

PermaSafe Protective Coatings

4701 W. Augusta Blvd.

Chicago, Il 60651

773-626-8888

Emergency Telephone Number:

Infotrac: 800-535-5053

SECTION 2: Hazards identification

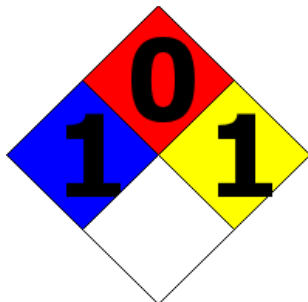
Classification of the Substance or Mixture: Not classified for physical or health hazards under GHS.

Hazard Statements: N/A

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

Other Non-GHS Classification:

**WHMIS
NFPA/HMIS**



NFPA SCALE (0-4)

Health	1
Flammability	0
Physical Hazard	1
Personal Protection	B

HMIS RATINGS (0-4)

SECTION 3 : Composition/information on ingredients

CAS#	Ingredients:	%
CAS 27668-52-6	3-(Trihydroxysilyl) propyldimethyloctadecyl ammonium chloride	<1 %
Percentages are by weight		

Safety Data Sheet
29CFR1910/1200 and GHS Rev. 3

SECTION 4: First aid measures

Description of 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 advice 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 lense(s) 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 any immediate medical attention and special treatment needed: If seeking medical attention provide SDS document to physician. Physician should treat symptomatically.

SECTION 5 : Firefighting 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 eye-wear, gloves and clothing. Refer to Section 8. As needed use NIOSH- approved respiratory protection/breathing apparatus.

Additional information (precautions): Avoid inhaling gases, fumes, dust, mist, vapor, and 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 eye-wear, 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: As needed.

SECTION 7: Handling and storage

Precautions for safe 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 chemical substances.

Conditions for safe storage, including any 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.

Safety Data Sheet
29CFR1910/1200 and GHS Rev. 3

SECTION 8 : Exposure controls/personal protection



Control Parameters: No applicable occupational exposure limits

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

Eye protection:

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

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 (physical)	Clear, colorless liquid	Explosion limit lower: Explosion limit upper:	Not determined 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's:	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: Flammability (solid, gaseous)	Not determined Not determined	Decomposition temperature:	Not determined
Density:	Not determined	Viscosity:	a. Kinematic: Not determined b. Dynamic: Not determined

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SECTION 15: Regulatory information

United States (USA) SARA Section 311/312 (Specific toxic chemical listings): None of the ingredients is listed

SARA Section 313 (Specific toxic chemical listings): None of the ingredients is listed

RCRA (hazardous waste code): None of the ingredients is listed

TSCA (Toxic Substances Control Act): All ingredients are listed.

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

Proposition 65 (California):

Chemicals known to cause cancer: None of the ingredients is listed

Chemicals known to cause reproductive toxicity for females: None of the ingredients is listed

Chemicals known to cause reproductive toxicity for males: None of the ingredients is listed

Chemicals known to cause developmental toxicity: None of the ingredients is listed

Canada:

Canadian Domestic Substances List (DSL): All ingredients are listed.

Canadian NPRI ingredient Disclosure list (limit0.1%): None of the ingredients is listed

Canadian NPRI Ingredient Disclosure list (limit1%): None of the ingredients is 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.

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Last Updated: 11-06-2019