

SANI-POWDER

1. PRODUCT NAME

Sani-Powder

2. DISTRIBUTOR

TEC Specialty Products LLC
1105 South Frontenac Street
Aurora, IL 60504-6451 U.S.A.
800.832.9002 Customer Service
800.832.9023 Technical Support

3. DESCRIPTION

Sani-Powder when diluted in water, becomes a solution of Hypochlorous Acid (HOCL) with antimicrobial and antiviral properties. The PH of the solution remains between 5-7 for all solution concentrations over a broad range. Sani-Powder when diluted in water delivers a hospital disinfectant, is a colorless (clear) solution with a slight chlorine odor.

Key Features and Benefits

- Cleans, Deodorizes, Sanitizes and Disinfects
- Kills Germs, Coronavirus, and Norovirus
- Eliminates 99.9% of bacteria and viruses that hide where you, touch, work and play
- Does not leave harsh residues
- Low odor and alcohol free.
- Made in the USA

Packaging

1 packet 1.05 g/10/pouch
25 pouches/250 packets/case

Product #10015765

Product #10015499

Coverage

325 ft²/packet @ 600 ppm dilution rate

Note: Coverage is based on a 32 oz. spray bottle.

Recommended Applications

- Homes
- Offices
- Schools, Daycares, Preschools
- Dental Offices
- Salons/Spas/Athletic Clubs/Gyms
- Universities/Colleges – classrooms, dorms, gathering spaces
- Medical Centers/Offices
- Kennels
- Nursing Homes
- Transportation – trains, buses, trucks, trailers
- Airplanes/Airports
- Hospitality – hotels, restaurants, cruise ships
- Athletics – locker rooms, arenas, practice facilities, weight rooms
- Churches

4. TECHNICAL DATA

Microorganism Table for Viral & Disinfection Applications

Microorganism Table for Bacterial Applications at 600 ppm	
Bacteria	Contact Time Required
Pseudomonas aeruginosa (ATCC 15442)	10 minutes
Staphylococcus (ATCC 6538)	10 minutes

Microorganism Table for Viral Disinfection Applications

Virus	Required ppm	Contact Time Required
Coronavirus strain 229E	1,200	4 minutes
Feline Calicivirus as a surrogate virus for Norovirus (ATCC VR-782)	2,400	4 minutes

To achieve 600 PPM for Bacterial Disinfection

Sani-Powder	1.05 g	2.1 g	4.2 g	8.4 g
Water	Quart	0.5 Gallon	1 Gallon	2 Gallons

To achieve 1,200 PPM for Coronavirus 229E Disinfection

Sani-Powder	2.1 g	4.2 g	8.4 g	16.8 g
Water	Quart	0.5 Gallon	1 Gallon	2 Gallons

To achieve 2,400 PPM for Viral Disinfection (Feline Calicivirus as a surrogate test for Norovirus Disinfection [ATCC VR-782])

Sani-Powder	4.2 g	8.4 g	16.8 g	33.6 g
Water	Quart	0.5 Gallon	1 Gallon	2 Gallons

Physical Properties

Description	
Appearance	White, Compact solid and granular particles
Odor	Slight chlorine
Odor Threshold	Chlorine 0.2-0.4 ppm
pH	6-7 @ 77°F (25°C) [1% solution]
Melting/Freezing Point	Not applicable
Boiling Point	Not applicable
Flash Point	Not applicable
Evaporation Rate (n- butylacetate =1)	Not applicable
% Volatile by Volume	Not applicable
Lower Flammability Limit Upper Flammability Limit	Not applicable
Vapor Pressure	<0.06 Pa @ 68°F (20°C)
Vapor Density (Air=1)	Not applicable
Solubility	Soluble in water [26.5 g/100 g @ 77°F (25°C)]
Autoignition Temperature	Not determined
Decomposition Temperature	Decomposes above 410°F (210°C) with liberation of toxic gases
Viscosity	Not applicable
Explosive Properties	Wet material may generate nitrogen trichloride, an explosion hazard.
Oxidizing Properties	Oxidizing Solid
Specific Gravity (H ₂ O= 1)	1.95 @ 77°F (25°C)
Storage	Store in original package in a cool dry environment where temperatures do not exceed 125°F (51.7°C) for 24 hours. Once mixed with water, the solution will freeze at 32°F (0°C) and boil at 221°F (105°C).
Shelf Life	2 years from the manufacturing date.

5. DIRECTIONS FOR USE

Bacterial Disinfection (Hard Non-Porus Surface)

To clean, disinfect and deodorize hard, non-porous surface, prepare a 600 ppm solution as described in the dilution chart. Cleaning of the surfaces prior to disinfecting is required to remove all soil, blood or bodily fluids. Spray 600 ppm solution until surface is evenly moist and allow it to remain visibly wet for 10 minutes. After 10 minutes, if desired to accelerate the drying time, fans, dehumidifiers or clean dry wipes may be used.

Viral Disinfection

In addition to bacterial disinfection as described above, this product can also be used to kill viruses. Use the dilution chart for the proper concentration of solution, spray surface until evenly moist and allow to remain visibly wet for 4 minutes. After 4 minutes, if desired to accelerate the drying time, fans, dehumidifiers or clean dry wipes may be used.

6. MIXING INSTRUCTIONS

Fill a container with the desired amount of water. Add the appropriate Sani-Powder (never mix the water into powder) based on the tables below, shake slightly until contents dissolve and a clear solution is produced.

Cautions

Sani-Powder - (No dilution)

KEEP OUT OF REACH OF CHILDREN

HIGHLY CORROSIVE: Causes irreversible eye and skin burns. Harmful if swallowed. Avoid breathing dust and fumes. Irritating to nose and throat. Always wear protective eye wear or safety glasses. FOR EMERGENCY MEDICAL INFORMATION: 1-800-222-1222.

Proper Disposal

Container Disposal Packet is destroyed by removing the product. Dispose of completely by empty packet in trash, in a sanitary landfill or by incineration.

7. MAINTENANCE

Not applicable