

Description

HaloMist is a United States EPA registered anti-microbial disinfectant. HaloMist is a synergistic formulation of stabilized hydrogen peroxide and silver. This broad spectrum disinfectant and fogging solution may be used for surface disinfection in human healthcare facilities such as hospitals, clinics, offices, long term care, rehabilitation hospitals, emergency vehicles and laboratories, as well as for infection prevention in spaces such as schools, universities, health clubs, spas, prisons, restaurants, manufacturing plants or any other commercial, residential or governmental space where pathogens need to be controlled.

Efficacy Summary

Bactericidal Sanitizer 5 minute contact time

- *Proteus mirabilis* (ATCC 9240)
- *Staphylococcus aureus* (ATCC 6538)
- *Staphylococcus aureus* MRSA (ATCC 33592)
- *Enterobacter aerogenes* (ATCC 13048)

Fungicide 10 minute contact time

- *Trichophyton mentagrophytes* (ATCC 9533)
- *Aspergillus niger* (ATCC 16404)

Bactericide 10 minute contact time

- *Escherichia coli* (ATCC 11229)
- *Pseudomonas aeruginosa* (ATCC 15442)
- *Salmonella enterica* (ATCC 10708)
- *Staphylococcus aureus* (ATCC 6538)
- *Staphylococcus aureus* MRSA (ATCC 33592)

Sporicidal - Fogging Only

- *Clostridioides difficile* (ATCC 43598)

Meet EPA Guidance for Effective Disinfection:***

Monkeypox
Coronavirus SARS-CoV-2
Candida auris - fogging only

Virucide 10 minute contact time

- Human Immunodeficiency Virus type 1 (HIV-1) (Strain HTLV IIIB)
- Avian Influenza A (H5N1) virus (flu virus) (Strain VN511)
- Influenza A virus Hong Kong (flu virus) (ATCCVR-544)
- Swine Influenza A (H1N1) (ATCC VR-333) *
- Rhinovirus type 37 (ATCC VR-1147)
- Minute virus of mice (MVM) (ATCC VR 1346)
- Norovirus (ATCC VR-782)
- Feline calicivirus (as surrogate for Norovirus) (ATCC VR-782) **

All claims backed by 3rd party validation.

Toxicity Summary

Acute Oral Toxicity: LD50>5000 mg/kg in female rats
Acute Dermal Toxicity: LC50>5000 mg/kg in male and female rats
Acute Inhalation Toxicity: LC50 >2.08mg/L in male and female rats

Acute Eye Irritation: Moderate eye irritant
Acute Dermal Irritation: Slight skin irritant
Skin Sensitization: Not a contact sensitizer

Technical Data

Property	Units
Organic Solvents	0%
Active Ingredients	
Hydrogen Peroxide	5%
Silver	.01%
Other Ingredients	94.99%
pH	3.0
Specific Gravity	1.019

2 year storage stability

HaloMist Advantages over other disinfectants

- EPA Registered (EPA No. 84526-6)
- Included on EPA List N, K and Q for SARS-CoV-2, Monkeypox and *C. difficile*
- Excellent material compatibility
- Kills 99.9999% of *C. diff* spores
- Kills 99.99% of viruses, bacteria and fungi
- Odorless and colorless
- Can be sprayed or fogged
- No residue - no rinse or wipe formula
- Decomposes into water, oxygen and non-toxic silver complexes

* HaloMist has demonstrated effectiveness against influenza A virus and is expected to inactivate all influenza A viruses including Pandemic 2009 H1N1 influenza A virus.

** Feline calicivirus used a surrogate for testing Norovirus.

*** HaloMist has demonstrated effectiveness against viruses similar to the 2019-nCoV Coronavirus and Monkeypox on hard, non-porous surfaces. Therefore, HaloMist can be used against the 2019-nCoV Coronavirus, now called SARS-CoV-2, and Monkeypox, when used in accordance with the directions for use against Feline calicivirus (as a surrogate for Norovirus) and Minute virus of Mice (MVM) on hard, non-porous surfaces. Refer to the CDC -or- OIE website at <https://www.cdc.gov/coronavirus/> for additional information.

SARS-CoV-2 is caused by Coronavirus. Monkeypox is caused by infection with Monkeypox virus. HaloMist kills *Clostridioides difficile*, a spore forming organism, on hard, non-porous surfaces. Spores are the most difficult form of microorganism to kill according to the hierarchy of microorganisms and their resistance to disinfectants and therefore HaloMist can be used against Coronavirus and Monkeypox when used in accordance with directions for use against *Clostridioides difficile* on hard, non-porous surface. Refer to the CDC or OIE website <https://www.cdc.gov/coronavirus/> for additional information.