



# Ag24

## RTU Silver Disinfectant & Deodorant

### DESCRIPTION

**Ag24 Silver Disinfectant & Deodorant** is a colorless, odorless ready to use broad-spectrum antimicrobial disinfectant that has 24-hour residual effectiveness. **Ag24 Silver Disinfectant & Deodorant** kills the most deadly microorganisms, yet is safe for everyday use. **Ag24 Silver Disinfectant & Deodorant** should be used on non-porous environmental hard surfaces.

### ADVANTAGES

**Ag24 Silver Disinfectant & Deodorant** powered with SDC works twenty times faster than the leading disinfectants, and is the next generation of microbial control. Advantages of **Ag24 Silver Disinfectant & Deodorant** with SDC technology include:

- Powerful broad spectrum protection as a disinfectant, fungicide and virucide.
- Kills germs in 30 seconds.
- Provides residual protection for 24 hours.
- Effective against resistant bacteria such as MRSA, Avian Influenza and VRE.
- Lowest toxicity rating available.
- Labeled for use in diverse environments including restaurants, homes, medical facilities, institutions and day care facilities.

### DIRECTIONS

#### General Disinfection:

For general disinfection and control of the bacteria *Pseudomonas aeruginosa*, *Staphylococcus aureus*, *Salmonella choleraesuis*, *Listeria monocytogenes*, *Vancomycin Resistant Enterococcus faecium (VRE)*, *Methicillin Resistant Staphylococcus aureus (MRSA)* and *Escherichia coli 0157:H7* the surface must be completely wet with **Ag24 Silver Disinfectant & Deodorant** for 2 minutes. The surface may then be wiped dry with a clean towel. When used as directed, **Ag24 Silver Disinfectant & Deodorant** provides protection from *Pseudomonas aeruginosa*, *Staphylococcus aureus* and *Salmonella choleraesuis* up to 24 hours after initial application.

#### Fungus Control:

For effective control of the fungus *Trichophyton mentagrophytes*, the surface must be completely wet with **Ag24 Silver Disinfectant & Deodorant** for 10 minutes. The surface may then be wiped dry with a clean towel. Re-apply when cleaning or when new growth appears.

#### \*Viral Control:

To kill *Herpes Simplex Type 1 F(1) Strain Influenza A Virus*, *Hong Kong strain*, *Rhinovirus R37 Strain 151-1*, *Polio Virus Type 2 Lansing Strain* the surface must be completely wet with **Ag24 Silver Disinfectant & Deodorant** for 10 minutes. The surface may then be wiped dry with a clean towel.



Provides Residual Protection for 24 hours



PRODUCT SPECIFICATIONS:			
<b>Color:</b>	Colorless	<b>Solubility:</b>	Complete with water
<b>Odor:</b>	Odorless	<b>Emulsification:</b>	Good
<b>Base:</b>	Silver	<b>Rinsability:</b>	Excellent
<b>pH: (Conc.)</b>	1.5 – 2.5	<b>Flash Point:</b>	None
<b>Viscosity:</b>	Water thin	<b>Biodegradability:</b>	Complete
<b>Foam:</b>	Moderate	<b>Storage/Stability:</b>	1 year
<b>Abrasive:</b>	None	<b>Weight Per Gallon:</b>	8.51 lbs./gal.
<b>Phosphate:</b>	None	<b>Freeze/Thaw Stability:</b>	Keep from freezing

## SECTION 1-PRODUCT IDENTIFICATION AND SUPPLIER INFORMATION

<b>Manufacturer's Name:</b> Misco Products Corporation	<b>Product Name:</b> Ag24 Silver Disinfectant and Deodorant	<b>Supplier's Name:</b>
<b>Manufacturer's Address:</b> 1048 Stinson Drive Reading, PA 19605	<b>Generic Name:</b> Ready-to-Use Disinfectant	<b>Supplier's Address:</b>
<b>Manufacturer's Phone #:</b> (610) 926-4106	<b>Chemical Family:</b> Silver Ion/Citric Acid/ Detergent Blend	<b>Supplier's Phone #:</b>
	<b>Formula:</b> Proprietary	
	<b>EPA Reg No.:</b> 72977-3-8325	

## SECTION 2-INGREDIENT INFORMATION

CHEMICAL NAME	CAS NO.	WT. %	PEL	TWA-TLV	STEL-TLV
Water	7732-18-5	to 100			
Citric Acid	77-92-9	4.84			
Silver (Electrolytically generated Silver ions)	7440-22-4	0.003			

## SECTION 3-PHYSICAL DATA

<b>Boiling Point (°F):</b> 212 F.	<b>Specific Gravity:</b> 1.02
<b>Vapor Pressure:</b> 20mm Hg @ 68 F.	<b>Vapor Density (Air=1):</b> >1
<b>% Volatile:</b> 98+	<b>pH:</b> 1.5 – 2.0
<b>Solubility in Water:</b> Soluble	<b>Evaporation Rate (Water=1):</b> <1
<b>Physical Description:</b> Thin clear liquid with practically no odor.	
<b>VOC Content:</b> 0.00%	

## SECTION 4-FIRE AND EXPLOSION HAZARD DATA

<b>Flash Point (Method Used):</b> None	<b>Lower Explosion Limit:</b> N/A
<b>Upper Explosion Limit:</b> N/A	
<b>Extinguishing Media:</b> N/A	
<b>Special Firefighting Procedures:</b> Non Flammable	
<b>Unusual Fire and Explosion Hazards:</b> N/A	

## SECTION 5-REACTIVITY DATA

<b>Stability:</b> Stable	<b>Hazardous Polymerization:</b> None
<b>Hazards Decomposition Products:</b> Combustion may produce carbon monoxide..	<b>Incompatibility (Materials to Avoid):</b> Heat, Carbonates, Hydroxides, ammonia, strong oxidizers, metals, amines.

## SECTION 6-STORAGE AND HANDLING INFORMATION

CAUTION: May cause slight eye irritation. Avoid contact with eyes, skin and clothing. Avoid breathing of mists. Wash thoroughly with soap and water after handling. Store in cool dry place. Keep storage temperature below 120°F. Keep from freezing.

## SECTION 7-HEALTH HAZARDS AND FIRST AID

**Effects of Overexposure:**  
**Skin:** Virtually non-irritating.  
**Eyes:** Slight eye irritant. Liquid and mists may cause redness, tearing, burning sensation.  
**Inhalation:** Mists may be irritating to throat, nose, and lungs.  
**Ingestion:** May be irritating to the mouth, throat, and gastrointestinal system.  
**First Aid Procedures:**  
**Skin:** Remove contaminated clothing. Flush affected areas with large quantities of water. Seek medical attention if irritation persists.  
**Eyes:** Flush with large quantities of water, holding eyelids open. Seek medical attention.  
**Inhalation:** Remove victim to fresh air and monitor. Seek medical attention if symptoms persist.  
**Ingestion:** Give large quantities of milk and water. Do not induce vomiting. Seek medical attention immediately.

## SECTION 8-SPECIAL PROTECTION INFORMATION

**Respiratory Protection:** No special requirements. Avoid breathing mists.  
**Ventilation Requirements:** No special requirements  
**Protective Gloves:** Chemical proof, rubber or neoprene.  
**Eye Protection:** Safety goggles recommended when spraying product.  
**Other Protective Equipment:** None

## SECTION 9-SPILL OR LEAK PROCEDURES

**Steps to be taken in Case Material is Released or Spilled:** Floors will become slippery. Avoid walking in product. Keep unessential personnel away. Mop up or otherwise absorb and hold disposal. Avoid discharge to sewer or open waterways.  
**Waste Disposal Method:** Any method in accordance with local, state and federal laws. Best method is to recycle or reuse for intended purpose. Small amounts may be flushed to sanitary sewer with plenty of water. Consult local authorities for disposal of large amounts in public sewer. Do not dispose of into storm drain, stream, river or to ground. Rinse container thoroughly before discarding in trash.

## SECTION 10-REGULATORY INFORMATION

<b>SARA Title III - Section 311/312 -Hazard Categories:</b>	<b>Shipping Information:</b>	<b>HMIS Hazardous Materials Identification System</b>
No - Fire Hazard	FOR CONTAINERS > 1 Gallon : Cleaning Compound	<b>Health</b> 1
No - Sudden Release of Pressure Hazard		<b>Flammability</b> 0
No - Reactivity Hazard	FOR 1 GALLON CONTAINERS :Cleaning Compound	<b>Reactivity</b> 0
Yes - Immediate (acute) Health Hazard		<b>Personal Protection</b> A
No - Delayed (chronic) Health Hazard	FOR CONTAINERS < 1 GALLON : Cleaning Compound	

**FOR EMERGENCY MEDICAL OR TRANSPORT INFORMATION:** CHEM-TEL, Inc. @ 800-255-3924 (24 hours, 7 days per week)

This product contains the following toxic chemical(s) subject to the reporting requirements of section 313 of the Emergency Planning and Community Right-To-Know Act of 1986 and of 40 CFR 372.

CAS#	Chemical Name	Percent by Weight
	None	

This product contains the following chemical(s) which have been established to be either a carcinogen or suspected carcinogen.

CAS#	Chemical Name	Percent by Weight
	None	

## SECTION 11-OTHER INFORMATION

This company cannot anticipate all conditions of handling and use of this product. Therefore, this company accepts no responsibility for results obtained by the application of this information, or the safety and suitability of our products either alone or in combination with other products. It is the responsibility of the user to provide a safe workplace, using the health and safety information contained herein as a guide. This company will accept no liability for damages or loss incurred from the improper handling and use of this product