

# Animal Facilities Disinfectant & Cleaner

**Now Effective  
Against  
Bordetella**

**For Use By:**

- **Veterinary Clinics**
- **Animal Care Facilities**
- **Zoos**
- **Pet Shops**
- **Kennels**
- **Breeding & Grooming Establishments**

## DIRECTIONS FOR USE

It is a violation of Federal Law to use this product in a manner inconsistent with its labeling.

Apply this product with a cloth, mop or mechanical spray device. When applied with a mechanical spray device, surfaces must be sprayed until thoroughly wetted. Treated surfaces must remain wet for 10 minutes. For sprayer applications, use a coarse pump or trigger sprayer. Spray 6-8 inches from surface. Rub with brush, sponge or cloth. Do not breathe spray.

NOTE: With spray applications, cover or remove all food products. Prepare a fresh solution at least daily or when use solution becomes visibly dirty. For heavily soiled areas, a preliminary cleaning is required.

At 2 ounces of this product to one gallon of water (703 ppm active quat) use level, this product is bactericidal according to the AOAC Use Dilution Test method on hard inanimate surfaces modified in the presence of 5% organic serum with a 10-minute contact time against: *Bordetella bronchiseptica*, *Escherichia coli*, *Listeria monocytogenes*, *Staphylococcus aureus*, *Salmonella enterica*.

**Animal Virucidal Performance:** At 2 ounces per gallon of water use level (703 ppm active quat) (or equivalent use dilution), this product was evaluated in the presence of 5% serum with a 10-minute contact time and found to be effective against the following viruses on hard, non-porous environmental surfaces: Avian Influenza A H5N1 virus, Avian influenza A H9N2/Turkey/Wisconsin virus, Avian Reovirus, Bovine Viral Diarrhea virus, Canine Distemper, Canine Coronavirus, Equine Arteritis Virus,

Infectious Avian Laryngotracheitis, Infectious Bovine Rhinotracheitis virus (IBR), Infectious Bronchitis Virus, Newcastle disease virus, Porcine Respiratory & Reproductive Virus (PRRSV), Porcine Rotavirus, Pseudorabies virus, Transmissible Gastroenteritis (TGE), Vaccinia virus.

At 2.5 ounces per gallon of water use level (or equivalent use dilution), this product is found to be effective against the following viruses on hard, non-porous environmental surfaces in the presence of 5% serum with a 10-minute contact time: Canine Adenovirus, Canine Parainfluenza Virus, Feline Calicivirus, Feline Infectious Peritonitis, Feline leukemia virus, Feline Panleukopenia, Feline Picornavirus, Feline Rhinotracheitis, Infectious Canine Hepatitis Virus, Murine Parainfluenza virus type 1, Rabies virus.

At 8 ounces per gallon of water use level (or equivalent use dilution), in the presence of 5% serum with a 10-minute contact time this product is effective against the following viruses on hard, non-porous surfaces: Canine Parvovirus (CPV), Minute virus of Mice (Parvovirus), Porcine Parvovirus.

**FOR DISINFECTING HARD, NON-POROUS SURFACES AGAINST AVIAN INFLUENZA:** For use in animal housing facilities follow the animal premise directions.



## PRODUCT SPECIFICATIONS

<b>Color:</b>	Blue	<b>Solubility:</b>	Complete with water
<b>Odor:</b>	Pleasant	<b>Flash Point:</b>	None
<b>Base:</b>	Quaternary ammonium chloride	<b>Biodegradability:</b>	Complete
<b>pH: (Conc.)</b>	10.0 – 12.0	<b>Storage/Stability:</b>	1 year
<b>Viscosity:</b>	Water thin	<b>Weight Per Gallon:</b>	8.68 lbs./gal.
<b>Foam:</b>	Moderate	<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> Animal Facilities Disinfectant & Cleaner	<b>Supplier's Name:</b>
<b>Manufacturer's Address:</b> 1048 Stinson Drive Reading, PA 19605	<b>Generic Name:</b> Disinfectant Detergent Cleaner	<b>Supplier's Address:</b>
<b>Manufacturer's Phone #:</b> (610) 926-4106	<b>Chemical Family:</b> Quaternary Detergent Blend	<b>Supplier's Phone #:</b>
	<b>Formula:</b> Proprietary	
	<b>EPA Reg. No.:</b> 10324-59-	

## SECTION 2-INGREDIENT INFORMATION

CHEMICAL NAME	CAS NO.	WT. %	PEL	TWA-TLV	STEL-TLV
Water	7732-18-5	to 100			
Dimethyl Benzyl Ammonium Chloride	68391-01-5	2.25			
Dimethyl Ethylbenzyl Ammonium Chloride	68956-79-6	2.25			
Nonionic Surfactant	9016-45-9	0 to 5			
Sodium Carbonate	497-19-8	0 to 5			
Tetrasodium EDTA	64-02-8	0 to 5			
Perfume Oil	N/A	0 to 5			
Dye	N/A	0 to 5			

## SECTION 3-PHYSICAL DATA

<b>Boiling Point (°F):</b> 210 F.	<b>Specific Gravity:</b> 1.040
<b>Vapor Pressure:</b> 20mm Hg @ 68 F.	<b>Vapor Density (Air=1):</b> >1
<b>% Volatile:</b> 90+	<b>pH:</b> 10.0 - 12.0
<b>Solubility in Water:</b> Complete	<b>Evaporation Rate (Water=1):</b> <1
<b>Physical Description:</b> Thin light blue liquid with pleasant odor.	

## SECTION 4-FIRE AND EXPLOSION HAZARD DATA

<b>Flash Point (Method Used):</b> N/A	<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> Will not occur.	<b>Incompatibility (Materials to Avoid):</b> None

## SECTION 6-STORAGE AND HANDLING INFORMATION

Keep out of reach of children. For use by trained personnel only. Keep container closed during storage. For institutional and industrial use only. Avoid contact with eyes, skin and clothing. Avoid breathing of mists. Use in well-ventilated area.

## SECTION 7-HEALTH HAZARDS AND FIRST AID

**Effects of Overexposure:**  
**Skin:** Skin irritant. Prolonged or repeated contact may cause dermatitis.  
**Eyes:** Severe eye irritant. Liquid and mists may injure the eyes causing corneal damage.  
**Inhalation:** Mists are irritating to throat, nose and lungs.  
**Ingestion:** Irritating to the mouth, throat, and gastrointestinal system. Burning, pain, and diarrhea expected with large doses.  
**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 water. Seek medical attention immediately.

## SECTION 8-SPECIAL PROTECTION INFORMATION

**Respiratory Protection:** No special requirements. Avoid breathing mists.  
**Ventilation Requirements:** Provide local exhaust to keep TLV of Section 2 ingredients below acceptable limit.  
**Protective Gloves:** Latex, rubber, vinyl, or nitrile  
**Eye Protection:** Chemical goggles recommended when spraying diluted product.  
**Other Protective Equipment:** Eyewash station should be provided nearby.

## 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. Consult local authorities for disposal 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

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

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