

Solution Depot™ 2.0 **3**

NEUTRAL DISINFECTANT CLEANER



DESCRIPTION

A super concentrated hospital grade disinfectant-detergent which cleans, disinfects, and deodorizes in one step. This dual quat formulation is an effective bactericide, fungicide, and virucide in the presence of 5% blood serum. Effective against HIV-Type 1 (AIDS Virus). Its neutral pH cleans without damage to floor finishes and without requiring any rinsing.

***KILLS HIV-1 (AIDS VIRUS) AND HBV (HEPATITIS B VIRUS) ON PRECLEANED, ENVIRONMENTAL SURFACES / OBJECTS PREVIOUSLY SOILED WITH BLOOD / BODY FLUIDS**

Effective against the following pathogens:

(This is a partial list of organisms. Refer to "Summary of Antimicrobial Activity" Bulletin for additional claims.)

BACTERICIDAL:

*Pseudomonas aeruginosa*¹, *Staphylococcus aureus*, *Salmonella choleraesuis*, *Bordetella bronchiseptica*, *Chlamydia psittaci*, *Escherichia coli*¹, *Legionella pneumophila*, *Listeria monocytogenes*, *Staphylococcus aureus* -Methicillin resistant- (MRSA), *Staphylococcus aureus*-Vancomycin Intermediate Resistant- (VISA), *Staphylococcus epidermidis*², *Enterococcus faecalis* - Vancomycin Resistant (VRE)

[This container will produce 128.5 gallons of ready-to-use product]

DIRECTIONS

This product must be diluted before use. See your supervisor or technical sales representative for instructions for use.

FOR USE ON

Floors, Walls, Tables, Shower Stalls, Combs, Brushes, Desks, Refrigerators, Urinals, Tile & Grout, Animal Cages, Toilets, Restroom Fixtures, Sinks, Food Processing Equipment

Disinfectants

PRODUCT SPECIFICATIONS

Color:	Yellow	Emulsification:	Excellent
Odor:	Lemon	Detergency:	Excellent
pH (concentrate):	7.5 - 8.0	Rinsability:	Excellent
pH (ready-to-use):	7 - 8	Flash Point:	N/A
Viscosity:	Water thin	Hard Water Tolerance:	400 PPM
Foam:	Moderate	Biodegradability:	Completely
Abrasives:	None	Storage/Stability:	1 year
Solubility:	Complete with water	Weight Per Gallon:	8.336 lbs.

SECTION 1-PRODUCT IDENTIFICATION AND SUPPLIER INFORMATION

Supplier's Name: Misco Products Corporation Supplier's Address: Reading, PA Supplier's Phone #: (610) 926-4106	Product Name: Neutral Disinfectant Cleaner Generic Name: Neutral Disinfectant & Detergent Chemical Family: Quaternary Detergent Blend Formula: Proprietary	HMIS Hazardous Materials Identification System (Ready-to-Use product ONLY) Health - 1 Flammability - 0 Reactivity - 0 Protection - A
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SECTION 2-INGREDIENT INFORMATION

CHEMICAL NAME	CAS NO.	WT. %	PEL	TWA-TLV	STEL-TLV
Water	7732-18-5	to 100			
Dimethyl Benzyl Ammonium Chloride	68424-85-1	6.14			
Didecyl Dimethyl Ammonium Chloride	7173-51-5	9.22			
Octyl Dimethyl Amine Oxide	2605-78-9	5 to 10			
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

Boiling Point (°F): 210 F.
Vapor Pressure: 20mm Hg @ 68 F.
% Volatile: 80+
Solubility in Water: Complete
Physical Description: Slightly viscous yellow liquid with pleasant odor.

Specific Gravity: 1.007
Vapor Density (Air=1): >1
pH: 7.5-8.0
Evaporation Rate (Water=1): <1

SECTION 4-FIRE AND EXPLOSION HAZARD DATA

Flash Point (Method Used): N/A
Upper Explosion Limit: N/A
Extinguishing Media: N/A
Special Firefighting Procedures: Non Flammable
Unusual Fire and Explosion Hazards: N/A

SECTION 5-REACTIVITY DATA

Stability: Stable
Hazards Decomposition Products: Will not occur.

Hazardous Polymerization: None
Incompatibility (Materials to Avoid): None

SECTION 6-STORAGE AND HANDLING INFORMATION

Corrosive to Eyes and Skin. Avoid contact with eyes, skin and clothing. Wash thoroughly after handling. Keep out of reach of children. For use by trained personnel only. Keep container closed during storage. For institutional and industrial use only. Avoid breathing of vapors or mist. Use in well-ventilated area.

SECTION 7-HEALTH HAZARDS AND FIRST AID

Effects of Overexposure:
Skin: Corrosive. Severe skin irritant. May cause burns or permanent damage.
Eyes: Corrosive. Severe eye irritant. Liquid and mists may injure the eyes, causing corneal damage.
Inhalation: May cause irritation and corrosive effect to nose, throat, and respiratory tract.
Ingestion: May be 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. Seek medical help.
Ingestion: Do not induce vomiting. Give large quantities of milk and water. Seek medical attention immediately. Probable mucosal damage may contraindicate the use of gastric lavage

SECTION 8-SPECIAL PROTECTION INFORMATION

Respiratory Protection: No special requirements.
Ventilation Requirements: Good general ventilation should be sufficient to control airborne levels. Provide mechanical exhaust in areas of poor ventilation, where mist generation may occur.
Protective Gloves: Chemical resistant rubber or neoprene.
Eye Protection: Safety glasses or chemical splash goggles.
Other Protective Equipment: Face shield recommended when handling concentrate. Protective footwear (rubber boots) should be worn when mopping floors.

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: EPA registered pesticide. Dispose of 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 disposal 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:

No - Fire Hazard
 No - Sudden Release of Pressure Hazard
 No - Reactivity Hazard
 Yes - Immediate (acute) Health Hazard
 No - Delayed (chronic) Health Hazard

Shipping Information:

FOR CONTAINERS > 1 Gallon : Corrosive liquid, Basic, Organic, n.o.s.
 (Quaternary Ammonium Compound), 8, UN3267, PG III
 FOR 1-GALLON CONTAINERS: Corrosive liquid, Basic, Organic, n.o.s.
 (Quaternary Ammonium Compound), 8, UN3267, PG III, (limited Quantity)
 FOR CONTAINERS < 1 GALLON: Corrosive liquid, Basic, Organic, n.o.s.
 (Quaternary Ammonium Compound), 8, UN3267, PG III, (limited Quantity)

HMIS Hazardous Materials Identification System

Health	3
Flammability	0
Reactivity	0
Personal Protection	D

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