



Maintenance Solutions

Spectrum

HBV

**(Ready-To-Use)
Virucidal
Disinfectant Spray
Cleaner**



For Use On:

- | | | |
|--------------------|--------------------|------------------|
| Hospitals | Restaurants | Dentist Offices |
| Ambulances | Veterinary Clinics | Doctors Offices |
| Patient Care Rooms | Nursing Homes | Industrial Areas |
| | Schools | |

DESCRIPTION

The human hepatitis B virus is the leading cause of cirrhosis and cancer of the liver and is the world's ninth largest killer.

Spectrum HBV (ready-to-use) is the only R-T-U disinfectant on the market today proven to eliminate the highly infectious hepatitis B virus. Of course like any broad spectrum surface disinfectant worth its salt, Spectrum HBV (ready-to-use) also kills staph and strep germs, the AIDS virus (HIV), and legions of other human and non-human pathogens.

To be used in hospitals, patient care rooms & facilities, housekeeping & janitorial rooms, nursing homes, doctors offices, dentists offices, schools, salons, sick rooms, rest rooms, shower rooms, veterinary clinics, industries to disinfect inanimate hard, non-porous environmental surfaces such as walls, floors, sink tops, toilet bowls, tables, chairs, telephones, chair arms and bed frames, cabinets, bathtubs, and urinals.

Controls cross contamination from treated inanimate environmental surfaces as a disinfectant spray. Cleans as it disinfects.

DIRECTIONS

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

A disinfectant spray for use on hard, nonporous inanimate environmental surfaces in hospitals, restaurants, hotels, motels, day care centers, and veterinary clinics.

To clean, deodorize, and disinfect Herpes simplex Type 1 and Type 2, hold dispenser 10 inches from the surface, press atomizer with quick short strokes, spraying evenly until wet. Wait 30 seconds and dry with a tissue. To kill Staphylococcus aureus, Streptococcus salivarius, Streptococcus faecalis, and Athlete's Foot fungi, repeat as above, wait 10 minutes, and wipe dry.

*Kills (HIV-1) (AIDS Virus), Human Immunodeficiency Virus Type 1, Herpes simplex Type 1 and Type 2, Parainfluenza Type 1, Influenza B (Allen) virus, Measles Virus, & Pseudorabies in 30 seconds. Kills Influenza A2 (Asian) in 50 seconds. Kills HBV (Hepatitis B Virus) in 10 minutes.

Kills Pseudomonas aeruginosa, Neisseria gonorrhoeae, Salmonella choleraesuis, Staphylococcus aureus, Legionella pneumophila, Streptococcus salivarius, Treponema pallidum, Pathogenic fungi (Athlete's Foot and Ringworm Fungi) & Aspergillus niger in 10 minutes.

PRODUCT SPECIFICATIONS

Color:	Water clear	Solubility:	Complete with water
Odor:	None	Emulsification:	Excellent
pH:	10.5 - 11.0	Detergency:	Excellent
Base:	Quaternary ammonium chloride	Rinsability:	Excellent
Viscosity:	Water thin	Flash Point:	None (waterbased)
Foam:	Moderate	Storage/Stability:	2 years
Abrasives:	None	Weight per Gallon:	8.56 lbs./gal.
		Freeze / Thaw Stability:	Keep from freezing

Restroom Cleaners

SECTION 1-PRODUCT IDENTIFICATION AND SUPPLIER INFORMATION

Manufacturer's Name: Misco Products Corporation	Product Name: Spectrum HBV Ready-to-Use	Supplier's Name:
Manufacturer's Address: 1048 Stinson Drive Reading, PA 19605	Generic Name: Disinfectant Spray Cleaner	Supplier's Address:
Manufacturer's Phone #: (610) 926-4106	Chemical Family: Quaternary Detergent Blend	Supplier's Phone #:
	Formula: Proprietary	

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	0.07			
Dimethyl Ethylbenzyl Ammonium Chloride	68956-79-6	0.07			
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

Boiling Point (°F): 210 F.	Specific Gravity: 1.026
Vapor Pressure: 20mm Hg @ 68 F.	Vapor Density (Air=1): >1
% Volatile: 98+	pH: 10.5-11.0
Solubility in Water: Complete	Evaporation Rate (Water=1): <1
Physical Description: Thin clear liquid with no odor.	

SECTION 4-FIRE AND EXPLOSION HAZARD DATA

Flash Point (Method Used): N/A	Lower Explosion Limit: 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	Hazardous Polymerization: None
Hazards Decomposition Products: Will not occur.	Incompatibility (Materials to Avoid): 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: Mild skin irritant. Prolonged or repeated contact may cause dermatitis.
Eyes: Eye irritant. Liquid and mists may injure the eyes causing corneal damage.
Inhalation: Mists may be 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 milk and 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: Chemical proof, rubber or neoprene.
Eye Protection: Safety goggles recommended when spraying 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: 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 : Cleaning Compound FOR 1 GALLON CONTAINERS :Cleaning Compound FOR CONTAINERS < 1 GALLON : Cleaning Compound	HMS Hazardous Materials Identification System								
		<table border="1"> <tr> <td>Health</td> <td>1</td> </tr> <tr> <td>Flammability</td> <td>0</td> </tr> <tr> <td>Reactivity</td> <td>0</td> </tr> <tr> <td>Personal Protection</td> <td>A</td> </tr> </table>	Health	1	Flammability	0	Reactivity	0	Personal Protection	A
Health	1									
Flammability	0									
Reactivity	0									
Personal Protection	A									

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