



Maintenance Solutions

# Fresh Breeze TB

## RTU Detergent & Disinfectant



Detergent Disinfectant Pump Spray is designed specifically as a general non-acid cleaner and disinfectant for use in homes, hospitals, nursing homes, schools, food processing plants, food service establishments, transportation terminals, office buildings, manufacturing facilities, lodging establishments, retail businesses and athlete/recreational facilities where housekeeping is of prime importance in controlling the hazard of cross contamination. It is formulated to disinfect hard, non-porous, inanimate environmental surfaces such as floors, walls, metal surfaces, stainless steel surfaces, porcelain, glazed ceramic tile, plastic surfaces, bathrooms, shower stalls, bathtubs, and cabinets. For plastic and painted surfaces, spot test on an inconspicuous area before use. May be used in the kitchen on counters, sinks, appliances, and stovetops. A rinse with potable water is required for surfaces in direct contact with food. In addition, this product deodorizes those areas which generally are hard to keep fresh smelling, such as garbage storage areas, empty garbage bins and cans, basements, restrooms and other areas which are prone to odors caused by microorganisms.

This product is not to be used as a terminal sterilant/high-level disinfectant on any surface or instrument that (1) is introduced directly into the human body, either into or in contact with the bloodstream or normally sterile areas of the body, or (2) contacts intact mucous membranes but which does not ordinarily penetrate the blood barrier or otherwise enter normally sterile areas of the body.

**DISINFECTION, DEODORIZING AND CLEANING** - Remove gross filth or heavy soil prior to application of the product. Hold container six to eight inches from surface to be treated. Spray area until it is covered with the solution. Allow product to penetrate and remain wet for 10 minutes. No scrubbing is necessary. Wipe off with a clean cloth, mop or sponge. The product will not leave grit or soap scum.

**One-step cleaning and disinfection of toilet bowls and urinals:** Remove water from bowl by forcing water over trap with a swab mop applicator. Press swab mop against side of the bowl to remove excess water from applicator. Apply 1 to 2 ounces of this product evenly, allowing sufficient time for product to cover entire surface of bowl for maximum cleaning. Swab bowl completely using a scrub brush or toilet mop, making sure to get under the rim. Let stand 10 minutes and flush.

**To disinfect food processing premises:** floors, walls and storage areas, hold container six to eight inches from the surface to be treated and spray area until it is covered with the solution. Allow product to penetrate and remain wet for 10 minutes. Wipe off with a clean cloth, mop or sponge and thoroughly rinse all surfaces in the area with potable water. Heavily soiled areas must be pre-cleaned before using this product.

**Food products and packaging materials must be removed or carefully protected prior to using this product. To disinfect food service establishment food contact surfaces:** countertops, appliances, tables, hold container six to eight inches from the surface to be treated and spray area until it is covered with the solution. Allow product to penetrate and remain wet for 10 minutes. Wipe off with a clean cloth, mop or sponge and thoroughly rinse all surfaces in the area with potable water. Heavily soiled areas must be pre-cleaned before using this product.

**TUBERCULOCIDAL ACTIVITY** - This product exhibits disinfectant efficacy against *Mycobacterium tuberculosis* (BCG) in 10 minutes at 20 degrees Centigrade when used as directed on previously cleaned hard non-porous inanimate surfaces.

**BACTERICIDAL ACTIVITY** - When used as directed, this product exhibits effective disinfectant activity against the organisms: *Staphylococcus aureus*, *Salmonella choleraesuis*, *Pseudomonas aeruginosa*, *Escherichia coli* 0157:H7, Methicillin resistant *Staphylococcus aureus* (MRSA), Vancomycin intermediate resistant *Staphylococcus aureus* (VISA), Vancomycin resistant *Enterococcus faecalis* (VRE) and meets the requirements for hospital use.

**VIROCIDAL ACTIVITY** - This product, when used on environmental, inanimate, non-porous surfaces, exhibits effective virucidal activity against HIV-1 (associated with AIDS), Canine Parvovirus, Poliovirus Type 1, Hepatitis B Virus (HBV) and Hepatitis C Virus (HCV).

**KILLS HIV-1, HBV AND HCV ON PRE-CLEANED ENVIRONMENTAL SURFACES/OBJECTS PREVIOUSLY SOILED WITH BLOOD/BODY FLUIDS** in health care settings (Hospitals, Nursing Homes) or other settings in which there is an expected likelihood of soiling of inanimate surfaces/objects with blood or body fluids, and in which the surfaces/objects likely to be soiled with blood or body fluids can be associated with the potential for transmission of Human Immunodeficiency Virus Type 1 (HIV-1) (associated with AIDS), Hepatitis B Virus (HBV) and Hepatitis C Virus (HCV).

### PRODUCT SPECIFICATIONS

|                           |                                   |                                 |                    |
|---------------------------|-----------------------------------|---------------------------------|--------------------|
| <b>Color:</b>             | Blue                              | <b>Emulsification:</b>          | Excellent          |
| <b>Odor:</b>              | Fresh scent                       | <b>Detergency:</b>              | Excellent          |
| <b>Base:</b>              | Dual quaternary ammonium chloride | <b>Rinsability:</b>             | Excellent          |
| <b>pH:</b>                | 11.5 - 12.0                       | <b>Flash Point:</b>             | None (waterbased)  |
| <b>Viscosity:</b>         | Water thin                        | <b>Biodegradability:</b>        | Complete           |
| <b>Foam:</b>              | Moderate                          | <b>Storage/Stability:</b>       | 2 years            |
| <b>Abrasives:</b>         | None                              | <b>Weight per Gallon:</b>       | 8.38 lbs./gal.     |
| <b>Phosphate Content:</b> | None                              | <b>Freeze / Thaw Stability:</b> | Keep from freezing |

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[www.miscoprod.com](http://www.miscoprod.com)

Disinfectant Cleaners

## SECTION 1-PRODUCT IDENTIFICATION AND SUPPLIER INFORMATION

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|--|--|
| <b>Manufacturer's Name:</b><br>Misco Products Corporation              | <b>Product Name:</b> Fresh Breeze-TB               |
| <b>Manufacturer's Address:</b><br>1048 Stinson Drive Reading, PA 19605 | <b>Generic Name:</b> R-T-U Detergent Disinfectant  |
| <b>Manufacturer's Phone #:</b> (610) 926-4106                          | <b>Chemical Family:</b> Quaternary Detergent Blend |
|  | <b>Formula:</b> 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 | 0.105   |     |         |          |
| Dimethyl Ethyl Benzyl Ammonium Chloride | 68956-79-6 | 0.105   |     |         |          |
| Nonionic Surfactant                     | 9016-45-9  | 0 to 5  |     |         |          |
| EDTA                                    | 64-02-8    | 0 to 5  |     |         |          |
| Sodium Metasilicate                     | 6834-92-0  | 0 to 5  |     |         |          |
| Diethylene Glycol Butyl Ether           | 112-34-5   | 5 to 10 | N/A | N/A     |          |
| 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> 1.01         |
| <b>Vapor Pressure:</b> 20mm Hg @ 68 F.                          | <b>Vapor Density (Air=1):</b> >1      |
| <b>% Volatile:</b> 95+  | <b>pH:</b> 11.5-12.0                  |
| <b>Solubility in Water:</b> Complete                            | <b>Evaporation Rate (Water=1):</b> <1 |
| <b>Physical Description:</b> Thin blue liquid with fresh scent. |                                       |

## SECTION 4-FIRE AND EXPLOSION HAZARD DATA

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|---|
| <b>Flash Point (Method Used):</b> N/A                 |
| <b>Upper Explosion Limit:</b> N/A                     |
| <b>Lower 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 vapors or mists. Use in well-ventilated area.

## SECTION 7-HEALTH HAZARDS AND FIRST AID

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| <b>Effects of Overexposure:</b>  |
| <b>Skin:</b> Skin irritant. Prolonged or repeated contact may cause dermatitis.  |
| <b>Eyes:</b> Severe eye irritant. Liquid and mists may damage the eyes, causing corneal injury.  |
| <b>Inhalation:</b> Mists may be irritating to nose, throat and lungs. Vapors may cause dizziness, headache, and nausea.                        |
| <b>Ingestion:</b> May be irritating to the mouth, throat, and gastrointestinal system. Burning, pain, and diarrhea expected with large doses.  |
| <b>First Aid Procedures:</b>   |
| <b>Skin:</b> Remove contaminated clothing. Flush affected areas with large quantities of water. Seek medical attention if irritation persists. |
| <b>Eyes:</b> Flush with large quantities of water, holding eyelids open. Seek medical attention.   |
| <b>Inhalation:</b> Remove victim to fresh air and monitor.   |
| <b>Ingestion:</b> Give large quantities of milk and water. Seek medical attention immediately.   |

## SECTION 8-SPECIAL PROTECTION INFORMATION

|   |
|---|
| <b>Respiratory Protection:</b> Use in well-ventilated area.   |
| <b>Ventilation Requirements:</b> Provide local exhaust to keep TLV of Section 2 ingredients below acceptable limit. |
| <b>Protective Gloves:</b> Chemical resistant rubber or neoprene.  |
| <b>Eye Protection:</b> Safety glasses or chemical splash goggles.   |
| <b>Other Protective Equipment:</b> Eyewash station should be available nearby.                                      |

## SECTION 9-SPILL OR LEAK PROCEDURES

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| <b>Steps to be taken in Case Material is Released or Spilled:</b> 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.  |
| <b>Waste Disposal Method:</b> 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

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

## HMIS Hazardous Materials Identification System

|                            |          |
|----------------------------|----------|
| <b>Health</b>              | <b>2</b> |
| <b>Flammability</b>        | <b>0</b> |
| <b>Reactivity</b>          | <b>0</b> |
| <b>Personal Protection</b> | <b>B</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 |
|----------|---------------|-------------------|
| 112-34-5 | Glycol Ether  | 8.0               |

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