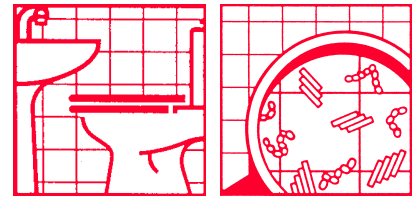


# Microcide TB

## Restroom Disinfectant/Cleaner



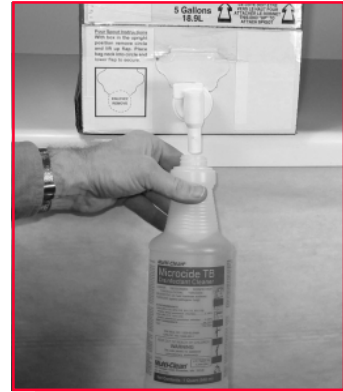
MICROCIDE TB is a ready-to-use spray cleaner that disinfects as it cleans. It is an ideal product for restroom cleaning with stronger cleaning power than normal disinfectant cleaners. It removes normal restroom grime plus greasy fingerprints, inks and soap scum.

### Ready-to-use.



MICROCIDE TB is recommended as the primary cleaner for lavatory maintenance. It should be used to clean sinks, faucets, door handles, partitions, walls, porcelain fixtures (bowls, urinals), towel dispensers, almost any surface in the restroom except floors and mirrors.

### Bag-in-Box dispensing.



MICROCIDE TB can be used with the Multi-Clean QRS System. The QRS System provides significant savings, reduced waste, and excellent convenience. With the QRS System, empty MICROCID TB bottles are quickly refilled from a 5-gallon BIB spigot, with no mixing, dilutions or mess. All that is needed to get started is 1 case and 1 BIB of MICROCID TB. Also, be sure to request a QRS wall chart.

MICROCIDE TB is effective against *Pseudomonas aeruginosa*, *Staphylococcus aureus*, *Salmonella choleraesuis*, *Escherichia coli*, HIV-1, Canine parvovirus, *Trichophyton mentagrophytes* (athletes foot fungus), *Mycobacterium tuberculosis* (BCG).

### OSHA Bloodborne Pathogen Act

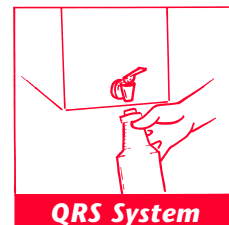
Microcide TB meets the requirement of the Bloodborne Pathogen Act and can be used to disinfect blood and body fluid spills in schools, hospitals, industry, etc.

### Specifications For MICROCID TB

Appearance .....	Clear liquid, pleasant fragrance
pH .....	11.5
Specific Gravity .....	1.01
Dilution .....	Straight, no dilution
Flashpoint .....	>201 F
Storage Conditions .....	40 F - 110 F (4 C - 43 C)
Storage Stability .....	Excellent, 1 year minimum
Freeze-Thaw Stability .....	Will freeze but is not damaged. Agitate after thawing.

### PACKAGING

55 gallon, #910243  
5 gallon, #910245  
12 qt. case, #910248



**WARNING & DISCLAIMER:** Results may vary. Multi-Clean chemicals are to be used only by appropriately trained personnel. IMPROPER USE POSES RISK OF PHYSICAL INJURY OR PROPERTY DAMAGE. See appropriate Multi-Clean Method Bulletin for further warnings and information for your application. The suitability of and proper application of this product is the responsibility of the applicator. The manufacturer disclaims all warranties, express and implied, including any warranties of MERCHANTABILITY AND FITNESS OF PURPOSE. The manufacturer's liability is limited to replacement of or reimbursement for any product proved defective. No person has authority to waive these disclaimers or make any representations or warranties on behalf of the manufacturer, except in writing signed by the manufacturer.

# Multi-Clean®

600 Cardigan Road, Shoreview, Minnesota 55126 USA • Phone (651) 481-1900 Fax (651) 481-9987  
2210 Drew Road, Mississauga, Ontario Canada L5S 1B1 • Phone (905) 673-3222 Fax (905) 673-5161

Form 1564 11/02

# MATERIAL SAFETY DATA SHEET

(COMPLIES WITH 29CFR 1910.1200)

<b>SECTION I - CHEMICAL PRODUCT &amp; COMPANY IDENTIFICATION</b>	
<b>Identity (As Used on Label and List):</b> Microcide TB Disinfectant Cleaner <b>Product Class:</b> Disinfectant cleaner, EPA #1839-83-5449 <b>Emergency Telephone Number:</b> 800-255-3924 <b>Telephone Number for Information:</b> 651-481-1900 <b>Manufacturer's Name and Address:</b> Multi-Clean®, A Division of Minuteman International, Inc. 600 Cardigan Road Shoreview, MN 55126	
<b>SECTION II - COMPOSITION/INFORMATION ON INGREDIENTS</b>	
<b>Hazardous Components (Specific Chemical Identity):</b>	
<b>Chemical</b>	<b>Common Name(s)</b> %
A	Tetrasodium EDTA tetrahydrate 1 - 5 CAS# 64-02-8
B	Diethylene glycol monobutyl ether 5 - 10 CAS #112-34-5
C	Water 60 - 100 CAS #7732-18-5
<b>SECTION III - HAZARDS IDENTIFICATION</b>	
<b>Emergency Overview</b>	
<b>Appearance and Odor:</b> Clear Liquid, Fresh Scent. <b>Primary Hazards:</b> Irritant	
<b>Potential Health Hazards</b>	
<b>Route(s) of Entry:</b> <b>Skin Absorption:</b> X <b>Ingestion:</b> X <b>Inhalation:</b> X <b>Eye:</b> May cause irritation on contact. <b>Skin:</b> May cause irritation on contact. <b>Ingestion:</b> May be harmful if swallowed. <b>Inhalation:</b> Overexposure to vapors may be harmful. <b>Signs and Symptoms of Exposure:</b> Irritation <b>Carcinogenicity:</b> NTP? No <b>IARC Monographs?</b> No <b>OSHA Regulated?</b> No <b>Target Organ (s):</b> Eyes, skin, kidneys, mucous membranes. <b>Medical Conditions Generally Aggravated by Exposure:</b> N. Av. <b>Health Hazards, Chronic:</b> N. Av.	
<b>SECTION IV - FIRST AID MEASURES</b>	
<b>Emergency and First Aid Procedures:</b> <b>If Swallowed:</b> Drink several glasses of water and call a physician immediately. Avoid alcohol. Never give anything by mouth to an unconscious person. <b>Eye Contact:</b> Flush eyes with running water for at least 15 minutes. If irritation persists, obtain medical attention. <b>Skin Contact:</b> Flush with cool water. Remove and wash contaminated clothing before reuse. <b>Sources Used:</b> Raw material data, general toxicology from the trade for similar products, EPA approved label.	
<b>SECTION V - FIRE FIGHTING MEASURES</b>	
<b>Flammability:</b> No <b>Autoignition Temperature:</b> N. Av. <b>Flash Point (method used):</b> >200°F <b>Flammable Limits:</b> N. Ap. LEL UEL <b>Extinguishing Media</b> N. Ap. <b>Water?</b> <b>Foam?</b> <b>Water Fog?</b> <b>Alcohol Foam?</b> <b>CO<sub>2</sub>?</b> <b>Dry Chemical?</b> <b>Vaporizing Liquid?</b> <b>Other?</b> <b>Special Fire Fighting Procedures:</b> N. Ap. <b>Unusual Fire and Explosion Hazards:</b> N. Av. <b>TDG Flammability Classification:</b> Non-flammable <b>Sensitivity to Mechanical Impact:</b> None <b>Sensitivity to Static Discharge:</b> None	
<b>SECTION VI - ACCIDENTAL RELEASE MEASURES</b>	
<b>Steps to be Taken in Case Material is Released or Spilled:</b> Dike and contain spill with inert material (sand, earth, etc). Collect spill with mop, absorbent material (example: floor-dri) or vacuum. Thoroughly rinse affected area with water.	
<b>SECTION VII - HANDLING AND STORAGE</b>	
<b>Precautions to be Taken in Handling and Storing:</b> Do not contaminate food or water by storage or disposal. Store only in original containers. See label instructions for container disposal. Do not reuse empty container. <b>Other Precautions:</b> Keep out of reach of children. Do not breathe spray mist.	
<b>SECTION VIII - EXPOSURE CONTROLS/PERSONAL PROTECTION</b>	
<b>Respiratory Protection (Specify Types):</b> Not required. Dust/mist respirator is recommended to prevent inhalation of mists when spraying cleaning chemicals. <b>Ventilation:</b> <b>Local Exhaust:</b> Not required <b>Special:</b> Not required <b>Mechanical (General):</b> Provide ventilation adequate to disperse cleaner vapors and or mists. <b>Other:</b> Not required <b>Protective Gloves:</b> Natural rubber or synthetic. <b>Eye Protection:</b> Approved safety goggles or glasses. <b>Footwear:</b> Not required <b>Other Protective Clothing or Equipment:</b> Not required <b>Work/Hygienic Practices:</b> Do not contaminate food or beverages with cleaning chemicals.	

<b>SECTION IX - PHYSICAL/CHEMICAL CHARACTERISTICS</b>	
<b>Boiling Point:</b> Approximately 212°F (100°C) <b>pH:</b> 11.5 <b>Specific Gravity (H<sub>2</sub>O) = 1:</b> 1.01 <b>% Volatile:</b> 60 - 100 <b>Vapor Density (Air = 1):</b> N. Av. <b>Odor Threshold:</b> N. Av. <b>Evaporation Rate (Butyl Acetate = 1):</b> N. Av. <b>Oil/Water Distribution Coefficient:</b> N. Av. <b>Solubility in Water:</b> Complete <b>Vapor Pressure (MM HG):</b> N. Av. <b>Melting Point:</b> N. Ap.	
<b>SECTION X - STABILITY AND REACTIVITY</b>	
<b>Stability:</b> <b>Unstable:</b> <b>Stable:</b> X <b>Conditions to Avoid:</b> N. Ap. <b>Incompatibility (materials to avoid):</b> Do not mix with other cleaners or deodorants. <b>Hazardous Decomposition or By-products:</b> N. Av. <b>Hazardous Polymerization:</b> <b>May occur:</b> <b>Will not occur:</b> X <b>Conditions to Avoid:</b> N. Ap.	
<b>SECTION XI - TOXICOLOGICAL INFORMATION</b>	
<b>Chemical</b>	<b>OSHA PEL</b> <b>ACGIH TLV</b> <b>Recom.</b> <b>LD50</b> <b>LC50</b>
A	N. Ap. N. Ap. N. Av. > 2,000 mg/kg (rat, oral) N. Av.
B	N. Ap. N. Ap. 35 ppm N. Av. N. Av.
C	N. Ap. N. Ap. N. Ap. N. Av. N. Av.
<b>Teratogen, Mutagen, Reproductive Toxin Status:</b> No <b>Toxicologically Synergistic Products:</b> N. Av.	
<b>SECTION XII - ECOLOGICAL INFORMATION</b>	
<b>Ecotoxicological Information:</b> N. Av. <b>Chemical Fate Information:</b> N. Av.	
<b>SECTION XIII - DISPOSAL CONSIDERATIONS</b>	
<b>Waste Disposal Method:</b> Dispose of spilled material in accordance with local, state and federal regulations. Waste from normal product use (according to manufacturer's directions) may be sewered in compliance with local, state and federal regulations. <b>RCRA Hazard Class:</b> Regulated by FIFRA	
<b>SECTION XIV - TRANSPORT INFORMATION</b>	
<b>Shipping Classification:</b> Compound, cleaning liquid, N.O.I. <b>UN Number:</b> N. Ap. <b>Packing Group:</b> N. Ap.	
<b>SECTION XV - PREPARATION DATA</b>	
<b>Prepared By:</b> Mike Elms <b>Telephone Number:</b> 651-481-1900 <b>Date:</b> 4/08	
<b>SECTION XVI - REGULATORY INFORMATION</b>	
<b>US Federal Regulations</b> <b>TSCA Status:</b> All ingredients listed. <b>CERCLA Reportable Quality:</b> N. Av. <b>SARA Title III</b> <b>Section 302 Extremely Hazardous Chemicals:</b> None <b>Section 311/312 Hazard Category:</b> Immediate health, chronic health <b>Section 313 Toxic Chemicals:</b> Glycol ether <b>State Regulations</b> <b>International Regulations</b> WHMIS Controlled Product Hazard Class: D2B	
<b>SECTION XVII - OTHER INFORMATION</b>	
None	
N. Ap. - Not Applicable; N.Av. - Not Available	

## NFPA SYSTEM

2 A. Health Hazard 0 A. Fire Hazard 0 A. Reactivity Hazard

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