

Miracle Disinfectant

Ready to Use Disinfectant For

- | | | |
|--------------------|------------------|---------------------|
| ■ Granite Counters | ■ Grout | ■ Corian™ |
| ■ Door Knobs | ■ Stone Counters | ■ Bathroom Surfaces |
| ■ Formica™ | ■ Telephones | ■ Tile Surfaces |
| ■ Showers | ■ Vinyl & VAT | ■ Finished Flooring |

Special Features

- | | | |
|--------------------------|--------------|-------------------------|
| ■ Virucidal | ■ Fungicidal | ■ Germicidal Disinfects |
| ■ Kills HIV-1 | ■ Non Acid | ■ Non Bleach |
| ■ Controls Mold & Mildew | | |

PRODUCT DESCRIPTION

KEEP OUT OF REACH OF CHILDREN. **Miracle Disinfectant** is a unique, neutral disinfectant cleaner designed for use on granite, marble, limestone, natural stone, ceramic tile, porcelain tile, grout, most finished and high-speed burnished surfaces, conductive flooring, tables, chairs, bathroom bowls, basins, counter tops, door knobs and handles. **Miracle Disinfectant** is recommended for non-scratch sanitizing of showers and tubs, shower doors and curtains, fixtures and toilet bowls. **Miracle Disinfectant** is for use in kitchen, bathroom and other household areas. **Miracle Disinfectant** is a Hospital Use Disinfectant at 2 ounces per gallon (16 milliliters per liter 1:64 dilution) and is highly effective in hard water up to 400 ppm.

Sample Testing

Due to the differences of each substrate, several inconspicuous test patches should be completed to assure maximum performance. **User must determine suitability of the product for their intended use.**

Protect Neighboring Surfaces

Always protect neighboring surfaces including wood, carpet, metal, landscaping and other non masonry surfaces.

APPLICATION INSTRUCTIONS

Read entire label and PDS/MSDS before using this product. It is a violation of Federal law to use this product in a manner inconsistent with its labeling. (This product is not to be used as a terminal sterilant/high-level disinfectant on any surfaces 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. This product may be used to preclean or decontaminate critical or semi-critical medical devices before sterilization or high-level disinfection.)

Preparation of Use Solution

For water hardness up to 250 ppm, add (2 ounces per gallon, 16 milliliters per liter) or water hardness up to 400 ppm add (3 ounces per gallon, 24 milliliters per liter) of water (1:42), to disinfect hard, non-porous surfaces. For heavy-duty use, add (8 ounces per gallon, 64 milliliters per liter) of water (1:16), to disinfect hard, non-porous surfaces.

Disinfection/*Virucidal/Mold and Mildew Control Directions:

Apply use-solution to hard (inanimate) non-porous surfaces thoroughly wetting surfaces as recommended and required, with a cloth, mop, sponge or sprayer.

For heavily soiled surfaces, a preliminary cleaning is required. For sprayer applications, use a coarse spray device. Spray 6 - 8 inches from the surface; rub with a brush, sponge or cloth. Do not breathe spray mist.

Disinfection/*Virucidal Directions:

Add 2 ounces per gallon of water, to disinfect hard, non-porous surfaces. Treated surfaces must remain wet for 10 minutes (2 minutes for disinfection against all viruses claimed). Prepare a fresh solution daily or when use solution becomes diluted or soiled.

Mold and Mildew Control Directions:

Add 2 ounces per gallon of water, to control the growth of mold and mildew and their odors on hard, non-porous surfaces. Thoroughly wet all treated surfaces completely. Let air-dry. Repeat application weekly or when growth or odors reappear.

Sanitizing Non Food Contact Surface Directions:

Add 2 - 3 ounces per gallon (16 - 24 milliliters per liter) of water, to sanitize hard non-porous environmental surfaces. Treated surfaces must remain wet for 60 seconds.

Non-Acid Toilet Bowl Disinfectant/Cleaner Directions:

From use solution: Empty toilet bowl or urinal and apply 2 - 3 ounces per gallon (16 - 24 milliliters per liter) use solution to exposed surfaces including under the rim with a cloth, mop, sponge, brush or sprayer; allow to stand for 10 minutes and flush.

***KILLS HIV ON PRECLEANED ENVIRONMENTAL SURFACES/OBJECTS PREVIOUSLY SOILED WITH BLOOD/BODY FLUIDS** in health care settings 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 transmissions of human immunodeficiency virus Type 1 (HIV-1) (associated with AIDS).

SPECIAL INSTRUCTIONS FOR CLEANING AND DECONTAMINATION AGAINST HIV-1 ON SURFACES/OBJECT SOILED WITH BLOOD/BODY FLUIDS.

Personal Protection Procedure

Clean up should always be done wearing protective latex gloves, gowns, masks and eye protection.

Cleaning Procedure

Blood and other body fluids containing HIV-1 must be thoroughly cleaned from surfaces and objects before the application of **Miracle Disinfectant**.

Contact Time

Leave the surface wet for 2 minutes with (2 ounces per gallon, 16 milliliters per liter) use solution. Use a 10-minute contact time for disinfection against all other bacterial and fungi claimed.

Disposal of Infectious Materials

Blood, body fluids, cleaning materials and clothing should be autoclaved and disposed of according to local regulations for infectious waste disposal.

Water, Stain & Slip Protection

To protect cleaned area from future soiling and staining, we recommend applying the appropriate **Miracle Penetrating Sealer/Impregnator** to the surface.

MAINTENANCE

For ongoing maintenance instructions please refer to **Miracle Sealants Care Guide**. Refer to the **Miracle Sealants Product Recommendation Chart** for specific product recommendations.

Storage & Disposal

Do not contaminate water, food or feed by storage or disposal. Open dumping is prohibited. Store in original container in areas inaccessible to children. Do not reuse empty container. Disposal: Wrap and discard in trash.

Precautionary Statement Hazards to Humans and Domestic Animals Danger

KEEP OUT OF REACH OF CHILDREN. Corrosive, Causes eye and skin damage. Do not get in eyes, on skin or on clothing. Wear goggles or face shield and rubber chemical resistant gloves when handling. Harmful or fatal if swallowed. Avoid contamination of food. Wash thoroughly with soap and water after handling.

Cross contamination is of major housekeeping concern not only in hospitals but also in schools, institutions and industry.

In case of contact, immediately flush eyes or skin with plenty of water for at least 15 minutes. For eyes, call a physician. Remove and wash contaminated clothing before reuse. If swallowed, drink promptly a large quantity of egg whites, gelatin solution; or if these are not available, drink large quantities of water. Avoid alcohol. Call a physician immediately.

Note to Physician: Probable mucosal damage may contraindicate the use of gastric lavage.

Technical Support

For additional technical support, contact Miracle Sealants Company at 1-800-350-1901 or 626-443-6433 ext. 3013

Office Hours

Monday - Friday from 8:30 am - 5:00 pm PT.
1-626-443-6433 or 1-800-350-1901 • Fax: 1-626-443-1435
website: www.miraclesealants.com

Product Damaged During Transportation

If product is damaged during transportation contact Info Trac @ 1-800-535-5053.

Additional Products

Miracle Sealants Company offers a complete line of water & stain repellents, sealers, cleaner, polishing compounds, diamond abrasives, machinery and accessories for the tile, stone, concrete, metal, fabric and carpet professional or do-it yourself specialist.

Warranty

Instructions are a condensed guide and should not be considered complete. In the event of failure, the only obligation of Miracle Sealants Company shall be to replace such products proven to be defective. **Before using, user shall determine the suitability of the product for their intended use.** User assumes all risks and liability whatsoever in connection therein. Neither seller nor manufacturer shall be liable for any injury or inability to use this product.

Miracle Disinfectant

www.miraclesealants.com

Osha's Hazard Communication Standard U.S. Department Of Labor

29 CFR 1910.1200
Identity No: 01154

OMB No. 1218-0072
Name: Miracle Disinfectant

Section 1

Manufacturers Name: Miracle Sealants Company
Address: 12318 Lower Azusa Road
Emergency Phone: 800-350-1901
City: Arcadia
State: CA
Phone: 626-443-6433
Date Prepared: May 15, 2006

Section 2 - Hazardous Ingredient/Identity Information

Hazardous Components	CAS #	OSHA PEL	ACGIH TLV
Didecyl Dimethyl Ammonium Chloride	7173-51-5	N/A	N/A
VOC Content: < 10 g/L			

Section 3 - Physical/Chemical Characteristics

Boiling point: > 212° F	Specific gravity: 0.995
Vapor pressure: Not tested	Melting point: Not tested
Vapor density: Not tested	Evaporation rate : Not tested
Solubility in water: 100%	

Appearance and odor: Colorless, floral odor.

Section 4 - Fire And Explosion Hazard Data

Flash point: None.	Flammable limits: Not tested
LEL: Not tested	UEL: Not tested
pH: 6.5 - 8.0	DOT#: None
NFPA hazard rating H F R S	(0 = Least, 4 = Extreme) 3 0 0 0
Extinguishing media: none	
Special fire fighting procedure: None	
Unusual fire and explosion hazards: None	

Section 5 - Reactivity Data

Stability: Stable
Conditions to avoid: None
Incompatible materials to avoid: Strong oxidizers, anionic materials.
Hazardous decomposition or byproducts: CO, CO2
Hazardous polymerization: None

Section 6 - Health Hazard Data

Routes of Entry:

Inhalation - Possible
Skin - Possible
Ingestion - Possible
Health Hazards - Same as signs and symptoms of exposure.

OSHA Carcinogenicity - None; NTP - None; IARC Monographs - None

Note: All chemicals incorporated into this product are found on the TSCA inventory list.

Signs And Symptoms Of Exposure:

Eyes: Burning sensation.
Skin: Irritation.
Ingestion: Burning irritation, swelling.
Inhalation: Irritation.

Medical conditions generally aggravated by exposure - Same as signs and symptoms of over exposure.

Emergency and First Aid Procedures:

Eyes: Flush with water for 15 minutes. If irritation persists, call a physician.

Skin: Wash off with soap & water.

Ingestion: Drink large amount of water, call physician.

Inhalation: Get person to fresh air. If unconscious, call physician.

Section 7 - precautions for safe handling and use

Steps to be taken in case material is released or spilled: Soak up with inert, absorbent material. Scoop up and place in a proper waste disposal container.

Waste disposal method: Dispose of in accordance with federal, state, and local regulations.

Precautions to be taken in handling and storing: Store in a cool, dry place, out of direct sunlight. Do not freeze, less than or equal to 32° F, or heat above 110° F.

Other precautions: KEEP OUT OF REACH OF CHILDREN. Follow directions on the container for proper use of this product.

Section 8 - Control Measures

Respiratory protection: Ventilate by opening all doors and windows. If exposure above the TLV or PEL require a niosh approved respirator equipped for the exposure or suitable respiratory protection per 29 CFR 1910.134 is required.

Ventilation:

Local exhaust - If available	Special - None
Mechanical - If available	Other - None

Protective gloves: Plastic or rubber, chemical resistant.

Eye protection: Tight fitting splash proof safety goggles.

Other protective clothing or equipment: Chemical resistant clothing.

Work hygienic practices: Wash hands thoroughly before handling food stuffs, liquids or tobacco products. Use common sense and care around chemicals. Never mix this product with other chemicals. Consult your supervisor for all other hygienic and safety practices. All practices depend on your specific business. Directions for use normally found on label which will dictate engineering and control measures.

Section 9 - Shipping & Regulatory Classification

DOT Shipping Name: Please refer to the Bill of Lading receiving/documents for up-to-date information.

DOT Hazard Class: N/A
OSHA Hazard Class: N/A
UN/NA Number: N/A
EPA Hazard Waste: N/A
CPSC Classification: N/A
Transportation Class: 55

Toxic Substances Control Act (TSCA): This product and/or all the ingredients contained in this product have been registered under the Toxic Substances Control Act.

NOTE: Miracle Sealants believes the data set forth are accurate. Miracle Sealants makes no warranty with respects thereto and disclaims all liability or reliance thereon. Such data are offered solely for consideration, investigation and verification. Also, the data set forth is for the concentrated finished product. All lab samples are for experimental purposes only and used at the customers discretion.