



# DISINFECTANT...



**Broad Spectrum Disinfectant**

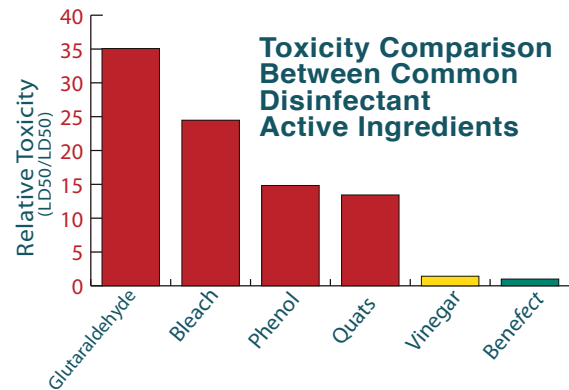
**Kills TB in 5 Minutes!**

**No Health Warnings, No Rinsing, No PPE**

**OSHA Compliant For BBP**

## How Can a Disinfectant Be Less Toxic Than Vinegar And Still Kill Germs?

In nature, plants produce germ-killing 'essential oils' to protect themselves from invading microbes, similar to how our bodies produce antibodies for our protection against disease. Benefect is a revolutionary blend of these antimicrobial extracts, particularly from the herb Thyme. Traditional synthetic disinfectants use quaternary ammonia or chlorine to kill germs, however, using the essential oils from plants allows Benefect to achieve an unprecedented safety rating. To put it simply, Benefect is a 'plant immune system' in a bottle.



Benefect surpasses the government's germ killing requirements for hospital disinfectants. The ingredients are categorized as GRAS (Generally Recognized As Safe) and as Direct Food Additives by the Food & Drug Administration (FDA).



### Water Damage



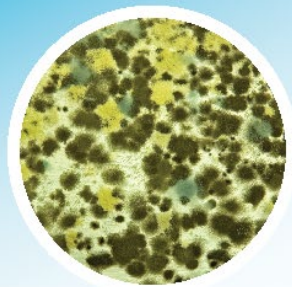
### Catastrophic Events



### Trauma



### Mold



**Applications:** Benefect is ideal for use in restoration sites: water damage, sewage back up, mold remediation, fire restoration and trauma scene decontamination. Effectively eliminates odors produced by odor-causing bacteria, fungi & other organisms on concrete, wood framing & studding, trim & subfloors.



## Do You Worry About The Toxicity Of The Antimicrobials You Use To Kill Germs?

Benefect's botanical active ingredient is identified by the EPA as having no known adverse effects to human health or the environment. Benefect is classified under the EPA's lowest toxicity rating allowed by law for all routes of exposure which include: inhalation, ingestion, skin irritation, skin sensitivity and eye irritation.

## Use Xactimate's Code For Botanical Germicide: WTR>GRMB

### FEATURES

### BENEFITS

### VERIFICATION

**Government Registered Disinfectant**

All label claims are approved by the EPA.  
Proven to kill over 99.99% of the EPA's test microorganisms for broad-spectrum claims of hospital disinfectant effectiveness.  
Registered for use in all States and Puerto Rico.  
OSHA BloodBorne Pathogen (BBP) Standard Compliant.

Environmental Protection Agency (EPA)  
EPA Reg. No. 84683-1-74771

**Antimicrobial Efficacy**

Broad Spectrum Disinfectant  
\*Kills over 99.99% of:  
Bacteria (Gram +ve & -ve) (including MRSA)  
Fungi  
HIV-1 (Human Immunodeficiency Virus)  
Mycobacteria (TB) in 5 minutes  
Other odor-causing microorganisms  
Human BloodBorne Pathogens  
Not susceptible to antimicrobial-resistant bacteria.

EPA Approved Product Label

**No Rinse or Wipe Required**

On food contact surfaces & children's toys.  
No harmful residue that must be removed.  
Save an entire labor step - save money & finish jobs faster.  
Reduce your liability.  
No PPE required.

EPA Approved Product Label  
MSDS  
CFIA S432

**Unprecedented Toxicity Rating**

Uses Thyme Oil: The ONLY Minimum Risk Pesticide Active Ingredient.  
LD50 (Oral, Rat) of >14,000 mg/kg (less toxic than vinegar).  
EPA Category IV Toxicity for all routes of exposure: inhalation, dermal, eye & ingestion (lowest toxicity rating allowed by law).  
Ingredients listed as Generally Recognized As Safe (G.R.A.S.) or as Direct Food Additives by the FDA.  
Non-hazardous by OSHA/WHMIS criteria.  
Non-flammable, non-corrosive, non-reactive, mildly anionic.

EPA Approved Product Label  
FDA GRAS & Food Additives List  
Toxicity & Chemical Analysis  
EPA's List 25(b)  
MSDS

HMIS Hazard Ratings	
HEALTH	0
FLAMMABILITY	0
REACTIVITY	0

**No Warnings on the Label and No PPE Required**

Reduced liability.  
The only Authentically Botanical Disinfectant in North America.  
No warnings, signal words, first aid, precautionary statements, special handling or PPE requirements listed on the label.  
The sensible choice for employees & clients.

EPA Approved Product Label  
MSDS

**Ready to Use Formula**

Consistent efficacy performance, every time.  
No mixing hassles or complex dilution instructions.  
No health concerns due to inaccurate mixing.  
No water hardness testing required for product performance.  
No temperature restrictions - freeze - thaw stable.

EPA Approved Product Label

**Ecological Data**

Environmentally Certified - Readily Biodegradable & No Aquatic Toxicity.  
Made from botanical essential oils.  
No synthetic fragrances, dyes, ammonia or chlorine or endocrine disruptors.  
No petrochemicals or petroleum derivatives, phthalates, DEA, ethylene oxide or 1,4-dioxane.  
No volatile solvents or V.O.C.s (volatile organic compounds).

Ecologo CCD-166  
Patented Worldwide  
Test Method:EPS 1/RM/24  
Testing Guideline:OECD 301D

**Excellent Marketability**

Ideal product for use in LEED certified buildings.  
Preferred disinfectant for ANY green cleaning program.  
Differentiate your business as the environmentally-friendly professional.

**More information & MSDS downloads at [www.Benefect.com](http://www.Benefect.com)  
1-800-909-2813      [CustomerService@Benefect.com](mailto:CustomerService@Benefect.com)**

For USA distribution only. See product label for specific information.

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**It's About Thyme!™**