



*"When I was born,
my mom & grandmother
searched for a disinfectant
to keep me safe from germs
without using dangerous chemicals
but they couldn't find any.
So they created Benefect®..."*



...it's about thyme."

Benefect® Botanical Disinfectant



*Kills over 99.99% of Bacteria,
Mold, Fungal Spores, TB & HIV!*

*How can a disinfectant be less toxic
than vinegar yet still kill germs?*

*In nature, plants produce germ-killing
extracts to protect themselves from
germs, similar to how our bodies
produce antibodies for germ protection.*

*Benefect® is a patented blend of these natural plant
extracts, which kills as well as traditional disinfectants
but does not require any protective equipment or even
label warnings.*

EPA Reg. # 74771-1, DIN 02242474

Benefect® Botanical Cleaners



Atomic™ for Fire & Soot

Impact™ for Carpet & Fabric

Multi-Purpose for Daily Tasks

*We now offer a
full line of
Botanical
Cleaner*

Concentrates,

*developed to enable the cleaning professional to provide
a complete botanical cleaning & disinfection solution
without compromising performance... really!*



Please visit our website at www.Benefect.com





EPA Registered Botanical Disinfectant
No Warning Labels & No PPE
Reduce Your Liability

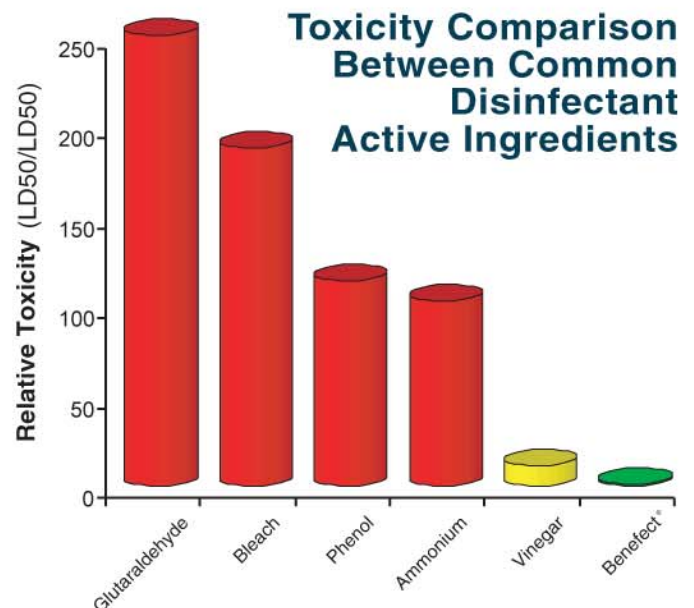


Do You Worry About the Products You use to Kill Germs? Are they Toxic? Are they Harmful to use Around Children, Pets or the Elderly?

Benefect® Disinfectant contains botanically pure plant extracts and has been proven to kill over 99.99% of Bacteria, Fungi, TB & HIV. Benefect® has been approved by the U.S. E.P.A. as a high level Disinfectant, Fungicide, Tuberculocide & Virucide (against HIV-1) that requires no rinsing or wiping after application on most surfaces including construction materials. *Just spray & walk away!*™

Where Can I Use Benefect®?

Benefect® is ideal for all water or mold damaged construction materials such as walls & floors & for deodorizing porous surfaces such as carpets & underpad. It is also suitable for in-home use on cutting boards, countertops, children's toys, change tables, garbage cans, pet areas, as well as healthcare facilities & any other instances where disinfection is required.



How Can a Disinfectant That is Less Toxic Than Vinegar Kill Germs?

The active ingredient in Benefect® is our highly specialized Thyme oil that has natural germ-killing capabilities proven to be equal to the leading traditional disinfectant ingredients but is Generally Recognized As Safe (G.R.A.S.) by the U.S. Food & Drug Administration. *It's about Thyme.*™

For U.S. distribution only. For sale in California.

Benefect®, "Just Spray & Walk Away." & "It's About Thyme." are trademarks of Sensible Life Products.



FEATURES

BENEFITS

VERIFICATION

Government Registered

All label claims approved by the EPA:
Kills over 99.99% of germs* on hard surfaces in commercial, residential & medical applications.
No PPE required.
Botanical ingredients.

EPA Reg.# 74771-1

Broad Spectrum of Efficacy

*Kills over 99.99% of:
Bacteria (Gram +ve & -ve)
Fungi
TB (Tuberculosis)
HIV-1 (Human Immunodeficiency Virus)
Odor - causing microorganisms

EPA label

No Rinse or Wipe Required on Construction Materials

No harmful residue that must be removed.
Save an entire labor step & save money.
Finish jobs faster.
Reduce your liability.

EPA label
MSDS
Bureau of Chemical Safety
CFIA S432

Food Grade Ingredients

Unprecedented safety profile.
LD50 (Oral, Rat) of >14,000 mg/kg (less toxic than vinegar).
Ingredients listed as Generally Recognized as Safe or as Food Additives by the FDA.
EPA Category IV Toxicity (safest rating allowed) for all routes of exposure:
Inhalation, Dermal, Eye & Ingestion.
Non-hazardous by OSHA/WHMIS criteria.

Toxicity & Chemical Analysis
EPA label
MSDS

HMIS Hazard Ratings	
HEALTH	0
FLAMMABILITY	0
REACTIVITY	0

No Warnings or PPE Required

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

EPA label
MSDS

Ready To Use Formula

Consistent efficacy performance, every time.
Eliminate complex dilution instructions.
Control portions.
Consistent health & safety profile.

EPA label

Environmentally Certified

Made from botanical, pure, renewable, patented plant extract ingredients.
No synthetic fragrances, dyes, ammonia or chlorine.

Ecologo ECP05029 (CCD-146)
Patented worldwide

Excellent Marketability

Differentiate your business as the safest choice for higher risk clients, those with: children, pets, elderly family, asthma, respiratory illness or chemical sensitivities.

Distributors

www.Benefect.com



Product Data

Benefect® BROAD SPECTRUM DISINFECTANT

PRODUCT DESCRIPTION

Botanical Disinfectant, Fungicide, Virucide*, Tuberculocide, Cleaner and Deodorizer
Product Number: 20475

Benefect® Disinfectant is the first and only Botanical Hospital Disinfectant and Fungicide registered with the E.P.A. for control against gram-negative and gram-positive bacteria (*Salmonella choleraesuis*, *Staphylococcus aureus* & *Pseudomonas aeruginosa*), fungi (*Trichophyton mentagrophytes*), *viruses (HIV-1, the AIDS virus) and tuberculosis (*Mycobacterium tuberculosis*).

Benefect is EPA registered as a No Rinse No Wipe product. Just spray and walk away.™ There are no label warnings or precautionary statements for use or disposal. Personal Protective Equipment is not required, making Benefect Disinfectant the safest choice for home and business owners and your employees.

PHYSICAL PROPERTIES

- **Packaged:** 1.0 gallon jug
- **Weight per Gallon:** 8.5 lbs.
- **Appearance:** Light tan
- **Odor:** Lemon & clove
- **Flash Point: (°C, TCC):** None
- **pH:** 5.0 – 6.0
- **PPE:** NONE Required

HMIS RATING	
HEALTH	0
FLAMMABILITY	0
REACTIVITY	0

Ideal for many applications including grey or black water damage, mold remediation, body cleanup, carpet deodorizing and anywhere else germs or odor control is required. Very effective on organic matter. Used by industry leading professionals since 2000. Do the job right... the first time.

Benefect is also suitable for nursing homes, hospitals, schools, universities, health clubs, boarding or breeding kennels, sports equipment, food preparation facilities, or any other residential commercial or medical application where high risk or chemically-sensitive individuals may be present.

- **Shelf Life:** 2 years
- **EPA Reg. Number:** 74771-1
- **Electrical Charge:** Non-anionic
- **Coverage per Gallon:** 1000-1200 square feet
- **Active Ingredients:** Thymol (present as a component of Thyme oil)

APPLICATIONS

Water Damage Restoration: This product is ideal for restoration contractors to disinfect any hard, non-porous surface such as contaminated water damaged construction materials. It also controls & inhibits odor causing water-born bacteria, mold & other odor causing organisms on a variety of porous and semi-porous materials including: wood studding, subfloors, trim, lumber, tack strips, concrete and paneling. Also suitable for deodorizing such surfaces as carpeting, carpet under-pad and other semi-porous furnishings. Wet the surface with the spray and leave for 10 minutes. Do not rinse or wipe away.

Grey or Black Water (Sewage) Damage: Do not dilute this ready-to-use product. Pre-clean the surface first. Wet the surface with the spray and leave for 10 minutes. Do not rinse or wipe away.

Mold Remediation: Best used as a wipe application to remove surface molds and as a spray after remediation procedure is complete to control any remaining molds. Should be used with proper remediation protocols as all molds should be removed from affected areas to ensure health and safety of building occupants.

APPLICATION PROCEDURES

TO CLEAN: 1. Shake well, apply Benefect & wipe away.

TO DISINFECT: 1. Shake well and pour Benefect into appropriate chemical pump sprayer, cold fogger or pressurized sprayer. **2.** Wet the surface with Benefect (testing for compatibility first is always recommended). **3.** Leave for 10 minutes; allow to air dry. No rinsing or wiping is required.

TO DEODORIZE: 1. Shake well, apply Benefect and allow to air dry.

EFFECTS OF ACUTE EXPOSURE: None known

Eye: No effect as per FIFRA CFR 10 Part 162.10

Skin: No effect as per FIFRA CFR 10 Part 162.10

Ingestion: No effect as per FIFRA CFR 10 Part 162.10

Inhalation: No effect as per FIFRA CFR 10 Part 162.10

STORAGE: Store airtight at room temperature.

WASTE DISPOSAL: No special handling or disposal instructions. Dispose of in accordance with federal, state, and local government requirements prior to disposal. Recycle empty container.

DISCLAIMER: The information contained herein is believed to be accurate and also represents the best information obtained by the manufacturer and recognized technical sources. Health and safety precautions in this data sheet may not be adequate for all individuals and product uses. It is the user's obligation to evaluate the information contained in this sheet along with the safe uses of the product. Good personal hygienic practices should be followed. Sensible Life Products assumes no responsibility for injury or damage from the use of Benefect Broad Spectrum Disinfectant that in any way differs from what is provided in the label directions.

Benefect[®] Disinfectant is manufactured by:
Sensible Life Products (div. of LBD Ltd.) 7 Innovation Dr., ON CA L9H 7H9
Toll Free: (800) 909-2813 Telephone: (905) 690-7474 Fax: (905) 690-7575
www.Benefect.com

MATERIAL SAFETY DATA SHEET

SECTION I – PRODUCT IDENTIFICATION

Product Name: Benefect® Broad Spectrum Disinfectant
Product Use: Disinfectant
Regulatory Class: Registered Product – EPA # 74771-1
D.O.T. Classification: Not Regulated
TDG Classification: Not Regulated
Manufacturer: Sensible Life Products (div. of LBD Ltd.)
Address: 7 Innovation Drive, Flamborough, Ontario L9H 7H9
Telephone: (905) 690-7474
Emergency Phone: (905) 690-7474

HEALTH	0
FLAMMABILITY	0
REACTIVITY	0

SECTION II – ACTIVE INGREDIENTS

Ingredients	CAS#	WT%	ACGIH-TLV	LC ₅₀	LD ₅₀
Oils, thyme	8007-46-3	0.1 – 1	None established	Not available	4700 mg/kg oral, rat

SARA – Section 313 (Toxic Chemical Release Reporting) 40 CFR 372 – No ingredients above reportable quantities.
Toxic Substances Control Act (TSCA) – All the ingredients are listed or exempt from listing on the Chemical Substance Inventory.
California Proposition 65 – No ingredients listed.

SECTION III – PHYSICAL AND CHEMICAL DATA

Boiling Point (°C): As for water
Vapor Pressure (mm Hg): Not applicable
Vapor Density (Air = 1): Not applicable
Solubility in Water: Some separation occurs, agitation required.
Physical State: Liquid
Appearance: Light tan

Specific Gravity (H₂O=1): 1.00-1.02
% Volatile (Wt%): Not applicable
Evaporation Rate: As per water
pH (100%): 5.0 – 6.0
Viscosity: As per water
Odor: Lemon – spice

SECTION IV – FIRE AND EXPLOSION DATA

Flammability: Not flammable by OSHA criteria
Flash Point (°C, TCC): None to boil
Hazardous Combustion Products: None
Auto-ignition Temperature: Non-combustible

LEL: Not applicable
UEL: Not applicable

SECTION V – REACTIVITY DATA

Conditions for Chemical Instability: Stable
Incompatible Materials: Not known
Reactivity, and Under What Conditions: As for water
Hazardous Decomposition Products: None

SECTION VI – TOXICOLOGICAL PROPERTIES

Route of Entry: Skin most likely

EFFECTS OF ACUTE EXPOSURE: None known

Eye: No effect as per FIFRA CFR 10 Part 162.10

Skin: No effect as per FIFRA CFR 10 Part 162.10

Ingestion: No effect as per FIFRA CFR 10 Part 162.10

Inhalation: No effect as per FIFRA CFR 10 Part 162.10

EFFECTS OF CHRONIC EXPOSURE:

Skin: No data available

Irritancy: Non-hazardous by OSHA criteria

Respiratory Tract Sensitization: No data available

Carcinogenicity: Non-hazardous by OSHA criteria

Teratogenicity, Mutagenicity, Reproductive Effects: No data available

Synergistic Materials: Not available

SECTION VII – PREVENTATIVE MEASURES

Gloves: None required

Eye Protection: None required

Respiratory Protection: None required

Other Protective Equipment: None required by OSHA or NIOSH

Engineering Controls: General ventilation adequate

Leak and Spill Procedure: Before attempting clean up, refer to hazard data given above. Small spills may be absorbed with non-reactive absorbent and placed in suitable, covered, labeled containers.

Prevent extremely large spills from entering sewers or waterways. Contact supplier for advice.

Waste Disposal: In accordance with federal, state, and local government requirements prior to disposal. Recycle empty container.

Storage and Handling Requirements: Store airtight at room temperature. Keep out of the reach of children. No special handling requirements.

SECTION VIII – FIRST AID

If irritation occurs, rinse affected area thoroughly with cool water. If swallowed, drink plenty of water.

SECTION IX – PREPARATION INFORMATION

Date: 2008/07/14

MSDS Prepared by: Sensible Life Products (div. of LBD Ltd.)

Telephone: (905) 690-7474

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