



# DECON 30 . . .



**One Step Disinfectant + Cleaner**  
**Cleans & Sanitizes in 30 Seconds!**  
**No Health Warnings, No Rinsing, No PPE**  
**Carpet Sanitizer & Deodorizer**  
**75% Lighter Scent**

Decon 30 is the latest evolution in authentically botanical antimicrobial technology from the creators of *Benefect* Disinfectant. Decon 30 utilizes our same proprietary Thyme Oil Active Ingredient which revolutionized the antimicrobial industry, but features a unique Optimized Dynamic Chemistry (ODC) surfactant system that boosts cleaning performance while still achieving hospital level disinfection - all with 75% less thyme oil. As a result Decon 30 has a very light, fast-dissipating fragrance. This ODC system also improves penetration into porous surfaces like wood or carpet and enhances mold killing and mildew prevention!

#### **Fast and Effective Decontamination**

Decon 30 also cleans and sanitizes in just 30 seconds, making it ideal for general janitorial cleaning applications and for fast decontamination of equipment, PPE and even vertical surfaces like wood studs or concrete walls. Now contractors can save time and money by using Decon 30 to clean and disinfect in one easy step!

#### **Botanical Carpet Sanitizer**

Being the first Botanical Carpet Sanitizer and Deodorizer registered with the EPA, Decon 30 is specifically formulated for penetrating into porous carpet materials without binding to the carpet fibers. This avoids the re-soiling issues that so many products have when used on carpets. Controlling bacteria on carpet and soft contents is now possible without using synthetic chemicals.

**Safely and effectively tackle more jobs with the comfort and confidence that comes from using *Benefect* products.**



Decontaminate



One Step



Porous Surfaces



Mold

**Applications:** Ideal for disinfecting, cleaning, deodorizing, decontaminating and preventing cross-contamination in residential and commercial buildings, HVAC, food service, hospitals, medical clinics, schools and government buildings.





## 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 sensitization and eye irritation.

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

### FEATURES

Government Registered Disinfectant

### BENEFITS

All label claims are approved by the EPA.  
Proven to kill over 99.99% of the EPA's test microorganisms.  
for claims of hospital disinfectant effectiveness.  
Registered for sale in all States and Puerto Rico.

### VERIFICATION

Environmental Protection Agency (EPA)  
EPA Reg. No. 84683-3-74771

#### Antimicrobial Efficacy

Hospital Disinfectant / Bactericidal, Virucidal\*, Fungicidal, Mildewstat, Carpet Sanitizer  
Kills over 99.99% of: Pseudomonas aeruginosa, Salmonella enterica, Staphylococcus aureus, Methicillin Resistant S. aureus (MRSA), Escherichia coli O157:H7 (Kills S. aureus & E. coli in 30 seconds), Influenza A virus, H1N1 Influenza A virus, Influenza A Avian (H3N2) virus, Rhinovirus type 37, \*Human Immunodeficiency Virus (HIV) Type 1), Trichophyton mentagrophytes, Aspergillus niger & Candida albicans.  
Odor-causing bacteria, fungi and other microorganisms.  
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.  
Foggable and foamable.

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)



It's About Thyme!™



# Benefect Botanical Decon 30 Disinfectant

## Safety Data Sheet

according to the Hazard Communication Standard (CFR29 1910.1200) HazCom 2012

Date of issue: 06/05/2015

Revision date: 06/05/2015

Version: 1.0

### SECTION 1: Identification of the substance/mixture and of the company/undertaking

#### 1.1. Product identifier

Product name : Benefect Botanical Decon 30 Disinfectant  
Product code : 21276, 20476, 20276 & 22076  
EPA Registration Number : 84683-3-74771

#### 1.2. Relevant identified uses of the substance or mixture and uses advised against

Use of the substance/mixture : Disinfectant

#### 1.3. Details of the supplier of the safety data sheet

Sensible Life Products (div of Benefect Corp)  
555 Bay Street North  
Hamilton, Ontario, Canada L8L1H1  
T (905) 528-7474

#### 1.4. Emergency telephone number

Emergency number : (905) 528-7474

### SECTION 2: Hazards identification

#### 2.1. Classification of the substance or mixture

##### GHS-US classification

Not classified.

#### 2.2. Label elements

##### GHS-US labelling

No labelling applicable.

#### 2.3. Other hazards

No additional information available.

#### 2.4. Unknown acute toxicity (GHS-US)

Not applicable.

### SECTION 3: Composition/information on ingredients

#### 3.1. Substance

Not applicable.

#### 3.2. Mixture

Name	Product identifier	%	GHS-US classification
None by HazCom 2012 criteria.			

### SECTION 4: First aid measures

#### 4.1. Description of first aid measures

First-aid measures after inhalation : If breathing is difficult, remove victim to fresh air and keep at rest in a position comfortable for breathing. Get medical advice/attention if you feel unwell.

First-aid measures after skin contact : If irritation occurs, flush skin with plenty of water. Get medical attention if irritation persists.

First-aid measures after eye contact : In case of contact, flush eyes with plenty of water. Remove contact lenses, if worn. If irritation persists, get medical attention.

First-aid measures after ingestion : If swallowed, do NOT induce vomiting unless directed to do so by medical personnel. Never give anything by mouth to an unconscious person. Get medical advice/attention if you feel unwell.

#### 4.2. Most important symptoms and effects, both acute and delayed

Symptoms/injuries after inhalation : None under normal use. May cause slight irritation.

Symptoms/injuries after skin contact : None under normal use. May cause slight irritation. Symptoms may include redness, drying, defatting and cracking of the skin.

Symptoms/injuries after eye contact : None under normal use. May cause slight irritation. Symptoms may include discomfort or pain, excess blinking and tear production, with possible redness and swelling.

Symptoms/injuries after ingestion : None under normal use.

#### 4.3. Indication of any immediate medical attention and special treatment needed

Symptoms may not appear immediately. In case of accident or if you feel unwell, seek medical advice immediately (show the label or SDS where possible).

# Benefect Botanical Decon 30 Disinfectant

## Safety Data Sheet

according to the Hazard Communication Standard (CFR29-1910.1200) HazCom 2012

### SECTION 5: Firefighting measures

#### 5.1. Extinguishing media

- Suitable extinguishing media : Treat for surrounding material.  
Unsuitable extinguishing media : None known.

#### 5.2. Special hazards arising from the substance or mixture

- Fire hazard : None known.

#### 5.3. Advice for firefighters

- Protection during firefighting : Keep upwind of fire. Wear full fire fighting turn-out gear (full Bunker gear) and respiratory protection (SCBA).

### SECTION 6: Accidental release measures

#### 6.1. Personal precautions, protective equipment and emergency procedures

- General measures : Use personal protection recommended in Section 8. Keep unnecessary personnel away from the release.

#### 6.2. Methods and material for containment and cleaning up

- For containment : Contain and/or absorb spill, then place in a suitable container.  
Methods for cleaning up : Thoroughly wash the area with water after a spill or leak.

#### 6.3. Reference to other sections

See section 8 for further information on protective clothing and equipment and section 13 for advice on waste disposal.

### SECTION 7: Handling and storage

#### 7.1. Precautions for safe handling

- Precautions for safe handling : Avoid contact with eyes. Do not swallow. Handle and open container with care. When using do not eat, drink or smoke.  
Hygiene measures : Wash hands with water as a precaution.

#### 7.2. Conditions for safe storage, including any incompatibilities

- Storage conditions : Keep out of the reach of children. Keep container tightly closed. Store at room temperature.

#### 7.3. Specific end use(s)

Not available.

### SECTION 8: Exposure controls/personal protection

#### 8.1. Control parameters

No additional information available.

#### 8.2. Exposure controls

- Appropriate engineering controls : No special precautions.  
Personal protective equipment : Avoid all unnecessary exposure.  
Hand protection : None necessary under normal conditions of use.  
Eye protection : None necessary under normal conditions of use.  
Skin and body protection : None necessary under normal conditions of use.  
Respiratory protection : None necessary under normal conditions of use.  
Environmental exposure controls : Maintain levels below Community environmental protection thresholds.  
Other information : Handle according to established industrial hygiene and safety practices.

### SECTION 9: Physical and chemical properties

#### 9.1. Information on basic physical and chemical properties

- Physical state : Liquid.  
Appearance : Clear.  
Color : No data available.  
Odor : Light lemon & thyme.  
Odor threshold : No data available.  
pH : 4.0 – 5.0.  
Melting point : As per water.  
Freezing point : As per water.  
Boiling point : As per water.



# Benefect Botanical Decon 30 Disinfectant

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Flash point	: Not applicable
Relative evaporation rate (butylacetate=1)	: As per water
Flammability (solid, gas)	: Not flammable
Explosive limits	: Not applicable
Explosive properties	: No data available
Oxidising properties	: No data available
Vapor pressure	: Not applicable
Relative density	: 1.00 - 1.02
Relative vapor density at 20 °C	: Not applicable
Solubility	: Soluble in water
Partition coefficient: n-octanol/water	: No data available
Log Kow	: No data available
Auto-ignition temperature	: Not combustible
Decomposition temperature	: No data available
Viscosity	: As per water

### 9.2. Other information

No additional information available.

## SECTION 10: Stability and reactivity

### 10.1. Reactivity

No dangerous reaction known under conditions of normal use.

### 10.2. Chemical stability

Stable under normal storage conditions.

### 10.3. Possibility of hazardous reactions

No dangerous reaction known under conditions of normal use.

### 10.4. Conditions to avoid

None known.

### 10.5. Incompatible materials

None known.

### 10.6. Hazardous decomposition products

None known.

## SECTION 11: Toxicological information

### 11.1. Information on toxicological effects

Acute toxicity : Not classified.

Benefect Botanical Decon 30 Disinfectant	
LD50 oral rat	> 2000 mg/kg
LD50 dermal rabbit	> 2000 mg/kg
LC50 inhalation rat	> 20 mg/l/4h

Skin corrosion/irritation	: Based on available data, the classification criteria are not met.
Serious eye damage/irritation	: Based on available data, the classification criteria are not met.
Respiratory or skin sensitization	: Based on available data, the classification criteria are not met.
Germ cell mutagenicity	: Based on available data, the classification criteria are not met.
Carcinogenicity	: Based on available data, the classification criteria are not met.
Reproductive toxicity	: Based on available data, the classification criteria are not met.
Specific target organ toxicity (single exposure)	: Based on available data, the classification criteria are not met.
Specific target organ toxicity (repeated exposure)	: Based on available data, the classification criteria are not met.
Aspiration hazard	: Based on available data, the classification criteria are not met.
Symptoms/injuries after inhalation	: None under normal use. May cause slight irritation.
Symptoms/injuries after skin contact	: None under normal use. May cause slight irritation. Symptoms may include redness, drying, defatting and cracking of the skin.
Symptoms/injuries after eye contact	: None under normal use. May cause slight irritation. Symptoms may include discomfort or pain, excess blinking and tear production, with possible redness and swelling.

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Symptoms/injuries after ingestion : None under normal use.

### SECTION 12: Ecological information

#### 12.1. Toxicity

Ecology – general : No known significant effects or critical hazards.

#### 12.2. Persistence and degradability

Benefect Botanical Decon 30 Disinfectant	
Persistence and degradability	Readily biodegradable.

#### 12.3. Bioaccumulative potential

Benefect Botanical Decon 30 Disinfectant	
Bioaccumulative potential	Not established.

#### 12.4. Mobility in soil

No additional information available.

#### 12.5. Other adverse effects

Effect on the global warming : No known ecological damage caused by this product.

### SECTION 13: Disposal considerations

#### 13.1. Waste treatment methods

Waste disposal recommendations : Dispose in a safe manner in accordance with local/national regulations. Recycle empty containers where allowed.

### SECTION 14: Transport information

#### Department of Transportation (DOT)

In accordance with DOT.

Not regulated for transport.

#### Additional information

Other information : No supplementary information available.

Special transport precautions : Do not handle until all safety precautions have been read and understood.

### SECTION 15: Regulatory information

#### 15.1. US Federal regulations

All components of this product are listed, or excluded from listing, on the United States Environmental Protection Agency Toxic Substances Control Act (TSCA) inventory except for:

Sodium citrate	CAS No 6132-04-3
Oils, essential, lemon	CAS No 8020-19-7
Copper (II) sulfate pentahydrate	CAS No 7758-99-8

#### EPA labelling

This chemical is a pesticide product registered by the Environmental Protection Agency and is subject to certain labeling requirements under federal pesticide law. These requirements differ from the classification criteria and hazard information required for safety data sheets, and for workplace labels of non-pesticide chemicals. Following is the hazard information as required on the pesticide label:

This product has no assigned hazard information according to the Environmental Protection Agency.

#### 15.2. US State regulations

Benefect Botanical Decon 30 Disinfectant	
State or local regulations	This product does not contain a chemical known to the State of California to cause cancer, birth defects or other reproductive harm.

### SECTION 16: Other information

Date of issue : 06/05/2015

Other information : None.

Disclaimer: We believe the statements, technical information and recommendations contained herein are reliable, but they are given without warranty or guarantee of any kind. The information contained in this document applies to this specific material as supplied. It may not be valid for this material if it is used in combination with any other materials. It is the user's responsibility to satisfy oneself as to the suitability and completeness of this information for the user's own particular use.