



Bioesque™ Solutions is a leading expert and pioneer in the development of botanically derived, thyme-based products offering powerful, hospital-grade disinfection and broad-spectrum efficacy.

Inspired by nature and created using the most advanced science available, we have produced a line of botanical disinfectants and cleaners that effectively kill dangerous viruses, fungi and bacteria within 1-3 minutes.

All Bioesque™ Solutions products are made without the use of chemicals like bleach and ammonia, making them safe and environmentally friendly.



Bioesque Solutions Botanical Disinfectant is powered by Thymox Technology, a sustainable, patented formula with unmatched antimicrobial and cleaning efficacy.

Thymox Technology was developed out of desperate need, after learning of a terrible crisis in the UK in which millions of cows and sheep were lost due to the outbreak of Mad Cow Disease. The goal was to create a non-toxic, effective disinfectant that could be used in barns without harming livestock or raising food safety issues.

Working with essential oil derived from thyme, it took over five years of research and development to perfect Thymox Technology, and thus, an unrivaled Green disinfectant was born. Realizing the advantageous qualities of Thymox, we decided to add the technology to our entire line of cleaning products. As a result, our family of products provide superior cleaning while staying true to our core of being safe and environmentally friendly.





BIOESQUE™

BOTANICAL
DISINFECTANT
SOLUTION



KILLS > 99.999%
SANITIZING



KILLS > 99.99%
VIRUSES



KILLS > 99.99%
BACTERIA



KILLS > 99.99%
FUNGI & MOLDS





BOTANICAL
DISINFECTANT
SOLUTION

EFFICACY



KILLS > 99.999%
SANITIZING



KILLS > 99.99%
VIRUSES



KILLS > 99.99%
BACTERIA



KILLS > 99.99%
FUNGI & MOLDS

Sanitizing > 99.999% 30 Seconds:

- *Staphylococcus aureus*
- *Enterobacter aerogenes*

Kills 99.99% of viruses in 1 minute:

- *Swine Influenza A (H1N1)*
- *HIV-1 AIDS Virus*
- *Human Coronavirus*

Kills 99.99% of Fungi and Molds in 3 Minutes:

- *Trichophyton mentagrophytes (Athlete's Foot Fungus)*
- *Candida albicans*

Kills 99.99% of bacteria in 2 minutes:

- *Staphylococcus aureus (Staph)*
- *Salmonella enterica (Salmonella)*
- *Pseudomonas aeruginosa (Pseudomonas)*
- *Listeria monocytogenes (Listeria)*
- *Escherichia coli (E. coli)*
- *Escherichia coli (E. coli O157:H7)*
- *Streptococcus suis (Streptococcus)*
- *Vancomycin-Resistant Enterococcus (VRE)*
- *Methicillin-Resistant Staphylococcus aureus (MRSA)*
- *Klebsiella pneumoniae*

3 minutes:

- *Mycobacterium Bovis BCG (TB; Tuberculosis)*



BOTANICAL
DISINFECTANT
SOLUTION

FEATURES

- US EPA Registered Broad-Spectrum Disinfectant
- Formulated with Patented Technology
- Bactericidal, Virucidal*, Tuberculocidal, and Fungicidal**
- Disinfect, Sanitize, Clean, and Deodorize in ONE STEP
- Kills, Destroys and Eliminates Household Germs
- Safe for Use on Water Mitigation Projects
(Sewage Back Up, Water Damage)
- Effective in Restoration and Remediation
- Multi-Surface Cleaner
- Non-Abrasive Formula
- For Everyday Use
- Botanically Derived Active Ingredient
- Free from Chlorine and Phosphates
- No Signal Words or Warnings Needed
- No Personal Protective Equipment (PPE) Needed
- Cleans and Disinfects without Bleaching
- One-step Hospital Disinfectant Cleaner
- Pleasant Lemongrass Grapefruit Scent
- Effectively Controls Unpleasant Strong Odors
- 2 Year Shelf Life



BOTANICAL
DISINFECTANT
SOLUTION

RECOMMENDED FOR USE IN

- Crawl Spaces
- Attics
- Basements
- Public Buildings
- Common Areas
- Automotive
- Public Transportation
- Multi-Family Housing
- Residential Housing
- Commercial Real Estate
- Hotels and Motels
- Institutional Facilities
- Correctional Facilities
- Military Installations
- Offices
- Athletic Facilities
- Retail Stores
- Churches
- Colleges
- Kitchens
- Veterinary Premises
- Barber Shops
- Farms
- Airports
- Cruise Ships
- Schools
- Day Care Centers
- Nurseries
- Hospitals
- Aging Care Facilities
- Nursing Homes
- Ambulances
- Surgery Centers
- Health Care Facilities
- Clinics
- Medical and Dental Offices
- Restaurants
- Cafeterias
- Institutional Kitchens
- Food Processing Plants
- Dormitories
- Classrooms
- Bathrooms
- Public Restrooms



BOTANICAL
DISINFECTANT
SOLUTION

SUITABLE FOR USE ON

- Countertops
- Stovetops
- Refrigerator Exteriors
- Trash Cans
- Floors
- Appliance Exteriors
- Telephones
- Door Handles
- Hard, Non-Porous Surfaces
- Toilet Seats
- Bathtubs
- Shower/Bath Areas
- Vanities
- Walls
- Windows
- Mirrors
- Hard Sporting Equipment
- Cups/Helmets
- Examination Tables
- Patient Chairs
- Tables
- Doors
- Baby Furniture
- Changing Tables
- Cribs
- Highchairs
- Metal
- Glazed Ceramic
- Glazed Porcelain
- Glazed Enameled Surfaces
- Glass
- Sealed Marble
- Steel
- Stainless Steel
- Brass
- Aluminum
- Sealed Concrete
- Plastic
- Polypropylene
- Polystyrene
- Polyethylene
- PVC
- Glazed Tile
- Sealed Fiberglass
- And many more



COMPARISONS

	 	 	 	 	 	 	 	 	 
Active ingredient	Thymol 0.23%	Thymol 0.23%	Thymol 0.05%	Thymol 0.051%	o-Phenylphenol 0.22% Diisobutylphenoxyethoxy ethyl dimethyl benzyl ammonium chloride monohydrate.... 0.70%	Octyl decyl dimethyl ammonium chloride 1.65% Dioctyl dimethyl ammonium chloride 0.66% Didecyl dimethyl ammonium chloride 0.99% Alkyl (C14, 50%; C12, 40%; C16, 10%) dimethyl benzyl ammonium chloride ...2.20%	Alkyl dimethyl benzyl ammonium chlorides.... 2.25% Alkyl dimethyl ethylbenzyl ammonium chlorides..... 2.25%	Alkyl dimethyl benzyl ammonium chloride..... 2.37% Alkyl dimethyl ethylbenzyl ammonium chloride 2.37%	Phenol...1.56%
Signal word	n/a	n/a	n/a	n/a	WARNING	DANGER	DANGER	DANGER	CAUTION
Precaution Hazard	GRAS	n/a	n/a	n/a	n/a	Hazards to humans and domestic animals	Hazards to humans and domestic animals	Hazards to humans and domestic animals	Hazards to humans and domestic animals
Corrosive	NO	NO	NO	NO	NO	YES	YES	YES	NO
Contact Time	Sanitize: 30 SEC Disinfect: 1 MIN Virus 2 MIN Bacteria 3 MIN TB 3 MIN FUNGI	Disinfect : 10 min Virus: 5 min Bacteria: 5 min TB: 5 min	Sanitize : 30 sec Disinfect : 10 min Bacteria: 2 types of bacteria in 30 sec	10 min (rinse on food contact surfaces)	10 min	Disinfect: 10 min Sanitize: 1 min	10 min	10 min	10 min
Homogenous (one phase)	YES	NO (shake well before use)	-	-	-	-	-	-	-
EcoLogo Certified	YES	YES	NO	NO	NO	NO	NO	NO	NO
Shelf life time	2 years	2 years	1 year or +	1 year or +	1 year or +	1 year or +	28 days diluted	64 days diluted	4 years
Concentrate or RTU	RTU	RTU	RTU	RTU	RTU	concentrate	Concentrate	Concentrate	RTU
EPA Number	87742-1	84683-1	84683-3	34810-25	70385-5	70385-6	1839-95	61178-1	8383-1

	 	 	 	 	 	 	 	 	 
Active ingredient	Thymol 0.23%	Phenol...1.56%	Octyl decyl dimethyl ammonium chloride 0.025% Dioctyl dimethyl ammonium chloride 0.010% Didecyl dimethyl ammonium chloride 0.015% Alkyl (C14, 50%; C12, 40%; C16, 10%) dimethyl benzyl ammonium chloride ... 0.034%	Alkyl* dimethyl benzyl ammonium chloride2.25% Alkyl*dimethyl ethylbenzyl ammonium chloride....2.25%	Alkyl dimethyl benzyl ammonium chloride.... 2.00%	Diisobutylphenoxyethoxyethyl dimethyl benzyl ammonium chloride....0.28% Isopropanol...17.20%	didecyl dimethyl ammonium chloride...0.76% Ethanol...7.50% sopropanol....15.00%	Chlorine Dioxide...0.20% Alkyl* dimethyl benzyl ammonium chloride0.125% Alkyl*dimethyl ethylbenzyl ammonium chloride....0.125%	Alkyl dimethyl benzyl ammonium chloride.....26.0% Glutaraldehyde....7.00%
Signal word	n/a	CAUTION	CAUTION	DANGER	DANGER	CAUTION	WARNING	n/a	DANGER
Precaution Hazard	GRAS	Hazards to humans and domestic animals	Hazards to humans and domestic animals	Hazards to humans and domestic animals. This product is toxic to fish and aquatic invertebrates	Hazards to humans and domestic animals	Hazards to humans and domestic animals, combustible, toxic to fish	Hazards to humans and domestic animals, combustible, toxic to fish	n/a	Toxic to aquatic invertebrates, fish, oysters and shrimps. Hazard to humans and domestic animals
Corrosive	NO	NO	NO	YES	YES	NO	NO	NO	YES
Contact Time	Sanitize: 30 SEC Disinfect: 1 MIN Virus 2 MIN Bacteria 3 MIN TB 3 MIN FUNGI	10 min	Disinfect : 10 min Surface must remain wet for 10 min Do not breathe spray	10 min	10 min	2 min, 3 min TB and bacteria	1 min	Sanitize: 30 sec Disinfect: 10 min	10 min
Homogenous (one phase)	YES	-	-	-	-	-	-	-	-
EcoLogo Certified	YES	NO	NO	NO	NO	NO	NO	NO	NO
Shelf life time	2 years	4 years	1 year or +	28 days diluted	1 year or +	1 year or +	1 year or +	1 year or +	1 year or +
Concentrate or RTU	RTU	RTU	RTU	Concentrate	Concentrate	RTU	RTU	RTU	concentrate
EPA Number	87742-1	8383-1	6836-152	1839-95	6836-165	46781-6	46781-12	82972-1	66171-7



BOTANICAL SURFACE CLEANER SEALANT

CLEANS, COATS, SEALS AND PROTECTS

Bioesque® Botanical Surface Cleaner & Sealant safely and effectively cleans surfaces while providing a barrier of lasting protection against filth, grime, dust, and odors to keep your surfaces cleaner for longer. Featuring Thymox® technology for a safer, botanically derived, versatile, and highly effective cleaning action.

FEATURES

- Powerful Cleaner and Surface Coating
- Ready to use formula
- Self-Cleaning Properties
- Eliminates Odors
- Protects from filth, grime, dust, musty odors
- Creates an invisible barrier coating on surfaces to ensure a long lasting clean

RECOMMENDED USES

- Multi-family Housing
- Residential Housing
- Commercial Real Estate
- Crawl Spaces
- Attics
- Basements
- Public Buildings
- Common Areas
- Automotive
- Airports
- Cruise Ships
- Schools
- Day Care Centers
- Athletic Facilities
- Hospitals
- Aging Care Facilities
- Common Areas
- Ambulance/
Surgery Centers





HEAVY DUTY CLEANER & DEGREASER

NATURALLY TOUGH ON GREASE & GRIME

Bioesque® Heavy Duty Cleaner & Degreaser provides superior deep cleaning and grease fighting capabilities for the toughest jobs in the grimmest industrial or high traffic commercial settings. Unlike most heavy duty cleaners it contains no harmful chemicals, is non-flammable, and completely biodegradable for a safer clean that is friendlier to the environment.

FEATURES

- Superior heavy duty cleaning abilities
- Cuts through tough grease and oil
- Cleans fire and soot damage
- Cleans organic soiling
- Removes soap scum, dirt, grime, and other organic build up
- Neutral pH and deodorizing fresh fragrance
- Completely Biodegradable
- Non-flammable
- Contains no harmful chemicals

RECOMMENDED USES

- Residential
- Industrial Plants
- Commercial
- Warehouses
- Restaurants
- Hotels
- Hospitals
- Schools
- Cafeterias
- Automotive
- Damage Restoration





BOTANICAL ODOR NEUTRALIZER

ADVANCED ENZYMATIC ODOR ELIMINATION

Bioesque® Botanical Odor Neutralizer is formulated to effectively eliminate odors and remove stains without the use of harmful or toxic chemicals. Featuring Thymox® technology and an advanced enzymatic formula, Bioesque® Botanical Odor Neutralizer is excellent for removing mold & mildew as well as troublesome stains such as coffee, wine, milk, blood, dirt, and more.

FEATURES

- Advanced Enzymatic formula for odor and stain elimination
- Ready to use formula
- Does not contain any harmful or toxic chemicals
- Removes Mold Malodors
- Removes Mildew Malodors
- Removes pet urine, vomit, feces
- Removes Coffee, Wine, Milk, Blood, Dirt, and More

RECOMMENDED USES

- Carpets
- Fabrics
- Walls
- Drain line treatment
- Portable Toilets
- RV's
- Marine Holding Tanks
- Garbage Trucks
- Dumpsters
- Trash Cans
- Landfill and municipal sludge
- Trap and drain maintenance
- Waste degrader for septic tanks, waste water systems (ponds, lagoons, etc.)
- Hospitals
- Bathroom Maintenance
- Automobiles





BOTANICAL CARPET CLEANER

SAFE & EFFECTIVE CARPET CLEANING

Bioesque® Botanical Carpet Cleaners deep cleaning formula effectively removes tough spots and stains while simultaneously deodorizing. It is quick drying and leaves no film or residue on carpets or fabric. Formulated for use with steam cleaners and extractor machines, each concentrated 1 gallon jug of Bioesque® Botanical Carpet Cleaner makes up to 35 gallons of carpet cleaning solution.

FEATURES

- Deep cleaning formula for spots and stains
- Formulated to remove dirt and organic soiling
- Removes coffee stains out of carpet and fabric
- Cleaning pet stains such as vomit, urine and feces from carpet and fabric
- Cleans and Deodorizes
- Refreshing Lemon-Mint Fragrance
- Does not leave any residue
- Quick Drying

RECOMMENDED USES

- | | |
|--------------------------|------------------------------|
| • Multi-family Housing | • Cruise Ships |
| • Residential Housing | • Schools |
| • Commercial Real Estate | • Day Care Centers |
| • Crawl Spaces | • Athletic Facilities |
| • Attics | • Hospitals |
| • Basements | • Aging Care Facilities |
| • Public Buildings | • Common Areas |
| • Common Areas | • Automotive |
| • Airports | • Ambulance/ Surgery Centers |





BOTANICAL GLASS & SURFACE CLEANER

A NON-TOXIC & STREAK FREE SHINE

Bioesque® Botanical Glass & Surface Cleaner provides a residue and streak free shine without exposing your surfaces to harmful or toxic chemicals. Our fast-drying formula is perfect for your daily cleaning needs and effectively removes dirt, fingerprints, and residue from glass and surfaces. Featuring a biodegradable formula, Bioesque® Botanical Glass & Surface Cleaner offers a better way to clean without the associated environmental or health concerns.

FEATURES

- Streak-free
- Residue-free
- Fast drying
- Biodegradable
- Ready to use formula
- Suitable for daily use
- Removes dirt, fingerprints, residue, and more
- Does not contain any harmful or toxic chemicals

RECOMMENDED USES

- | | |
|---------------------------------|----------------------|
| • Glass | • Aluminum |
| • Mirrors | • Sealed Granite |
| • Windows | • Sealed Marble |
| • Stainless Steel | • Fiberglass |
| • Plastic | • Computer Screens |
| • Vinyl | • Television Screens |
| • Most non-porous hard surfaces | • Lenses |



