

Safety Data Sheet
Botanical Disinfectant Solution

SECTION I - IDENTIFICATION



Bioesque Solutions
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Product Number	BS BDS
Product Name	Botanical Disinfectant Solution
Chemical Family	Hard Surface Disinfectant
CAS Number	89-83-8
Date Prepared	3/28/2017
Revision Number	2/12/2018
Recommended Use	Industrial Use Only

SECTION II - HAZARDOUS IDENTIFICATION

GHS CLASSIFICATION:

Classification

Not a Hazardous Substance or Mixture

No Hazards

GHS LABEL:

Hazard Statements

NC Not a Hazardous Substance or Mixture

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Precautionary Statements

NC

Not a Hazardous Substance or Mixture

SECTION III - COMPOSITION/INFORMATION ON INGREDIENTS

The precise composition of this product is proprietary information. In the event of a medical emergency, a complete disclosure will be provided to medical personnel.

Component Name	CAS #	Component%	OSHA PEL	ACGIH TLV
Thymol	89-83-8	0.23		

SECTION IV - FIRST AID MEASURES

Contact with eyes: Flush with water for 15 minutes. Remove contact lenses if present and easy to do. Continue rinsing. If irritation persists get medical advice / attention.

Skin contact: Wash exposed areas with water and mild soap. Remove contaminated clothing immediately and launder before reuse. If irritations persist, seek immediate medical attention.

Inhalation: Not harmful if inhaled.

Ingestion: If swallowed. Do not induce vomiting. Seek immediate medical attention.

SECTION V - FIREFIGHTING MEASURES

Suitable Extinguishing Media: As per surrounding fire.

Special Fire Fighting Procedures As per surrounding fire.

NOT FLAMMABLE.

Unusual Fire Fighting Hazards: Hazardous combustion product: carbon oxides, oxides of phosphorus other unidentified organic compound.

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SECTION VI - ACCIDENTAL RELEASE MEASURES

- Personal Precautions:** Keep unnecessary and unprotected personnel from entering. Put on appropriate personal protective equipment.
- Environmental Precautions:** Contain spill if it can be done with minimal risk. Prevent liquid from entering drains, sewers or waterways. Notify proper authorities.
- Methods for Cleaning Up:** Stop leak, rinse to drain or absorb with non-reactive absorbent and dispose according to existing federal, state, provincial and municipal regulations. Resume cleaning by rinsing with water.

SECTION VII - HANDLING AND STORAGE

- Handling and Storage:**
- Follow standard safe handling of materials. Keep out of reach of children. Keep in original tightly closed containers, in room below 30' C.

SECTION VIII - PRECAUTIONS TO CONTROL EXPOSURE / PERSONAL PROTECTION

EXPOSURE LIMITS:

Component Name	CAS #	OSHA PEL	ACGIH TLV
Thymol	89-83-8		

- Engineering Controls:** Apply technical measures to comply with the occupational exposure limits. Showers. Eyewash stations. Ventilation systems.
- Monitoring:** Handle in accordance with good industrial hygiene and safety practice. Avoid contact with skin, eyes or clothing. Do not eat, drink or smoke when using this product. Take off all contaminated clothing and wash it before reuse.
- Personal Protective Equipment (PPE)**
- Eye Protection:** Safety glasses with side shields or chemical goggles.
- Skin Protection:** Wash hands and any exposed skin thoroughly after handling.
- Respiratory Protection:** Under normal conditions, respirator is not required.

SECTION IX - PHYSICAL AND CHEMICAL PROPERTIES

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Appearance	Transparent to translucent liquid
Odor	Lemongrass Grapefruit
pH@25°C	7.0 to 8.5
Melting/Freezing Point	Not Determined
Flashpoint	Not Determined
Specific Gravity	1
Solubility	Completely
Auto-Ignition Temperature	Not Determined
Decomposition Temperature	Not Determined
VOC Content	Not Determined
Odor Threshold	Not Determined
Boiling Range	100°C
Evaporation Point	Not Determined
Flammable Limits - Upper	Not Determined
Flammable Limits - Lower	Not Determined
Vapor Pressure	Unknown
Vapor Density (Air=1)	Unknown
Viscosity	water like

SECTION X - STABILITY AND REACTIVITY

Stability: Stable

Conditions to Avoid: Not normally reactive.
Avoid high temperatures. Keep out of reach of children.

Hazardous Decomposition/Byproducts: Thermal decomposition may yield oxides of carbon.

Hazardous Polymerization: Will not occur.

Polymerization Conditions to Avoid: None

Incompatibilities: Strong acids and oxidizers
Strong alkalis. Oxidizers.

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SECTION XI - TOXICOLOGICAL INFORMATION

Likely Route of Exposure: Contact and inhalation; ingestion possible.

Inhalation: Do Not Inhale

Eye Contact: Avoid contact with eyes.

Skin Contact: Frequent prolonged contact may result in dry skin, redness and dermatitis.

Ingestion: Do Not taste or swallow

Toxicity:

Component Name	LD50	LC50
Thymol	980 mg/Kg (oral, rat)	

Reproductive Effects	Teratogenicity	Mutagenicity	Embryotoxicity	Sensitization to Product	Synergistic Products
Not Applicable	Not Applicable	Not Applicable	Not Applicable	Not Applicable	Not Applicable

SECTION XII - ECOLOGICAL INFORMATION

Ecotoxicity: Information not available.

Mobility: Information not available.

Degradability: Readily Biodegradable

BioAccumulation: Information not available.

SECTION XIII - WASTE DISPOSAL CONSIDERATIONS

Follow Federal, State, and local regulations.

SECTION XIV - TRANSPORT INFORMATION

DOT SHIPPING INFORMATION

Proper Shipping Name: Cleaning Compound Liquid

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Contains:

Hazard Class and Label:

Identification Number:

Packaging Group:

Other Shipping Info:

SECTION XV - REGULATORY INFORMATION

TSCA STATUS:..... The components of this product are listed on the TSCA Inventory

SARA TITLE III SECTION 302/304 EXTREMELY HAZARDOUS SUBSTANCE:

No chemicals in this material are subject to the reporting requirements.

SARA TITLE III SECTION 311/312 HAZARD CATEGORIZATION:

Acute	Chronic	Fire	Pressure	Reactive
N/A	N/A	N/A	N/A	N/A

SARA TITLE III SECTION 313 SUPPLIER INFORMATION:

No chemicals in this material are subject to the reporting requirements.

CERCLA SECTION 102(a) HAZARDOUS SUBSTANCE:

No chemicals in this material are subject to the reporting requirements.

CALIFORNIA PROPOSITION 65:

No chemicals in this material are subject to the reporting requirements.

SECTION XVI - OTHER INFORMATION

HMIS Health: 1

HMIS Flammability: 0

HMIS Reactivity: 0

Additional: U.S. EPA registration: 87742-1-92595. Health-Canada DIN: 02390035 (Thymox EXT). NSF Registration No. 150508.

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