


**Safety Data Sheet**  
Botanical Surface Cleaner & Sealant

**SECTION I - IDENTIFICATION**

 <b>BIOESQUE</b> SOLUTIONS	Bioesque Solutions 150 East Palmetto Park Rd. #110 Boca Raton, FL 33432 (404) 732-6834 Infotrac #84191 :..... (800) 535-5053
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<b>Product Number</b>	BSCS
<b>Product Name</b>	Botanical Surface Cleaner & Sealant
<b>Chemical Family</b>	Cleaner / Sealant
<b>CAS Number</b>	Multiple
<b>Date Prepared</b>	3/28/2017
<b>Revision Number</b>	2/12/2018
<b>Recommended Use</b>	Industrial Use Only

**SECTION II - HAZARDOUS IDENTIFICATION**

**GHS CLASSIFICATION:**

**Classification**

Skin Corrosion/Irritation	Category 2
Serious Eye Damage/Eye Irritation	Category 2B

**WARNING!**

**GHS LABEL:**



**Hazard Statements**

H315	Causes skin irritation
H320	Causes eye irritation

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**Precautionary Statements**

- P264 Wash hands thoroughly after handling.
- P280 Wear protective gloves/protective clothing/eye protection/face protection.
- P302+352 IF ON SKIN: Wash with soap and water.
- P305+351+338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses if present and easy to do so - continue rinsing.
- P332+313 If skin irritation occurs: get medical advice/attention.
- P337+313 If eye irritation persists get medical advice/attention.
- P362 Take off contaminated clothing and wash before reuse.

**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
Citric Acid	77-92-9	< 5		
Thymol	89-83-8	< 5		

**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:**

- Handle in accordance with good industrial hygiene and safety practice. Wear protective gloves/protective clothing and eye/face protection. Do not eat, drink or smoke when using this product. Do not breath dust/fume/gas/mist/vapors/spray. Use only with adequate ventilation. Wash face, hands, and any exposed skin thoroughly after handling. Remove contaminated clothing and wash before reuse.

#### SECTION VIII - PRECAUTIONS TO CONTROL EXPOSURE / PERSONAL PROTECTION

##### EXPOSURE LIMITS:

Component Name	CAS #	OSHA PEL	ACGIH TLV
Citric Acid	77-92-9		
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 throughly after handling.

**Respiratory Protection:** Under normal conditions, respirator is not required.

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**SECTION IX - PHYSICAL AND CHEMICAL PROPERTIES**

<b>Appearance</b>	Transparent to translucent liquid
<b>Odor</b>	Lemongrass Grapefruit
<b>pH@25°C</b>	2.5 to 4.0
<b>Melting/Freezing Point</b>	Not Determined
<b>Flashpoint</b>	Not Determined
<b>Specific Gravity</b>	1
<b>Solubility</b>	Completely
<b>Auto-Ignition Temperature</b>	Not Determined
<b>Decomposition Temperature</b>	Not Determined
<b>VOC Content</b>	Not Determined
<b>Odor Threshold</b>	Not Determined
<b>Boiling Range</b>	100°C
<b>Evaporation Point</b>	Not Determined
<b>Flammable Limits - Upper</b>	Not Determined
<b>Flammable Limits - Lower</b>	Not Determined
<b>Vapor Pressure</b>	Unknown
<b>Vapor Density (Air=1)</b>	Unknown
<b>Viscosity</b>	water like

**SECTION X - STABILITY AND REACTIVITY**

**Stability:** Stable

**Conditions to Avoid:** Not normally reactive.

**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:** Avoid contact with skin.

**Ingestion:** Do Not taste or swallow

**Toxicity:**

Component Name	LD50	LC50
Citric Acid		
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.

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**SECTION XIV - TRANSPORT INFORMATION**

**DOT SHIPPING INFORMATION**

**Proper Shipping Name:** Cleaning Compound Liquid

**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:**

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