Material Safety Data Sheet (MSDS)

Brand: Sol-U-Guard Botanical
Identity: Disinfectant
Company: Melaleuca, Inc.

About the MSDS

This Material Safety Data Sheet (MSDS) is designed as a guide for using Melaleuca’s product in a workplace setting. The technical information presented is intended for industrial users who use Melaleuca products in greater concentrations and higher frequencies than consumers at home.

Each MSDS provides specific physical information about products including appearance, boiling point, melting point, safety information, health effects, and the appropriate first aid in an industrial setting. They also include information to guide storage, disposal, cleanup, and other precautions in the workplace.

Consumers and other Melaleuca customers should keep in mind that this information is required by the U.S. Government’s Occupational Safety and Health Administration (OSHA) for workplace settings. MSDS sheets are not applicable to everyday consumers and their use of these products in their homes. For safety instructions, ingredients, and directions for use, consumers should refer to the product label.

For more information about Melaleuca products, see the latest issue of the Melaleuca Country catalog.

About the Hazard Rating

On MSDSs, Melaleuca provides a product hazard rating in Section 2.1. Four areas are measured: overall Hazard, Health Hazard, Flammability, and Reactivity. Melaleuca uses a scale of 0 to 4 with 0 meaning no risk and 4 meaning an extreme risk. The following table explains the meaning of each area’s scale level.
Sol-U-Guard Botanical

Section 1: Product & Company Information

Product: Sol-U-Guard Botanical.

Company: Melaleuca, Inc.

Contact Information: 800-742-8094; Household Cleaning Products, 3910 South Yellowstone Hwy, Idaho Falls, ID 83402.

Emergency Telephone Number: Call local Poison Control Center.

Section 2: Hazards Identification

2.1 Emergency Overview

Hazard Rating: 0

Health: 0

Flammability: 0

Reactivity: 0

0=No risk

1=Minimal

2=Moderate

3=High

4=Extreme

2.2 OSHA Regulatory Status

Sol-U-Guard Botanical is NOT hazardous within the meaning of the OSHA Hazard Communication Standard.

2.3 Potential Health Effects

Eyes: No effect per FIFRA regulations.

Skin: No effect per FIFRA regulations.

Ingestion: No effect per FIFRA regulations.

Medical Conditions Generally Aggravated by Exposure: None known.

Interactions with Other Chemical Known to Enhance Toxicity: None known.

2.4 Potential Environmental Effects

Not applicable.

Section 3: Composition/Information on Ingredients

Contains thymol (present as a component of thyme oil).
Section 4: First Aid Measures

4.1 First Aid Procedures

Eye Contact: Flush eyes thoroughly with cool water. Seek medical attention if irritation persists.

Skin Contact: Rinse exposed skin with cool water. Remove affected clothing and launder before reuse. Seek medical attention if irritation persists.

Ingestion: Drink water and treat symptoms. Seek medical attention if gastrointestinal symptoms persist.

4.2 Note to Physicians

If needed, specific information concerning the proprietary formula will be provided in confidence to qualified health care professionals.

Section 5: Firefighting Measures

5.1 Flammable Properties

Not flammable by OSHA criteria.

5.2 Extinguishing Media

5.2.1 Suitable Extinguishing Media

Not applicable.

5.2.2 Unsuitable Extinguishing Media

Not applicable.

5.3 Protection of Firefighters

5.3.1 Specific Hazards Arising from the Chemical

Not applicable.

5.3.2 Protective Equipment and Precautions for Firefighters

Not applicable. No known toxic hazard exists that will render Bunker gear (full firefighting gear) inadequate.

Section 6: Accidental Release Measures

6.1 Personal Precautions

None.

6.2 Environmental Precautions

Perform disposal in compliance with all state and Federal regulations.
6.3 Methods for Containment

Dike the spill and transfer to suitable, covered, and labeled containers.

6.4 Methods for Cleanup

Small spills may be absorbed with non-reactive absorbent and placed in suitable, covered, and labeled containers. Prevent extremely large spills from entering sewers or waterways. Contact supplier for advice. CAUTION: Spill area may remain slippery; scrub and thoroughly rinse off exposed areas.

6.5 Other Information

Complete the disposal of the waste in compliance with all applicable government regulations.

Section 7: Handling & Storage

7.1 Handling

Keep out of the reach of children.

7.2 Storage

Store airtight at room temperature. No special handling requirements.

Section 8: Exposure Controls/Personal Protection

8.1 Exposure guidelines (Industrial setting)

Not applicable.

8.2 Engineering controls (Industrial setting)

Not applicable.

8.3 Personal protective equipment (PPE)

8.3.1 Eye/face protection (Industrial setting)

Not required for intended usage.

8.3.2 Skin protection (Industrial setting)

Not required for intended usage.

8.3.3 Respiratory protection (Industrial setting)

None required.

8.3.4 General Hygiene Considerations

- Avoid direct contact with eyes.
- Avoid prolonged contact with skin.
- Avoid ingesting the liquid.
- Wash hands thoroughly before eating or drinking.
- Wash clothing that came into contact with liquid prior to wearing garments again.
Section 9: Physical & Chemical Properties

**Appearance:** Light tan liquid.

**Odor:** Clove and thyme.

**Auto-ignition Temperature:** Non-combustible.

**Percent Volatile by Volume (%):** Not applicable.

**Boiling Point (F):** As for water.

**pH:** 5.0–6.0.

**Decomposition Temperature:** Not applicable.

**Physical State:** Liquid.

**Evaporation Rate:** (nBuOAc=1): As for water.

**Solubility in Water:** Soluble.

**Explosive Limits:**
- **LEL:** Not applicable.
- **UEL:** Not applicable.

**Specific Gravity (H2O=1):** 0.96.

**Flash Point (Method):** None.

**Vapor Density (Air=10):** Not applicable.

**Melting/Freezing Point:** Not applicable.

**Vapor Pressure (mm Hg):** Not applicable.

**Odor Threshold:** Not applicable.

Section 10: Stability & Reactivity

10.1 Chemical Stability

Stable.

10.2 Conditions to Avoid

None.

10.3 Incompatible Materials

Not known.

10.4 Hazardous Decomposition Products

Does not occur.

10.5 Possibility of Hazardous Reactions

Does not occur.

Section 11: Toxicological Information

None known.
Section 12: Ecological Information

None known.

Section 13: Disposal Considerations

Perform disposal in compliance with all state and Federal regulations.

Section 14: Transport Information

14.1 Basic Shipping Description
Sol-U-Guard Botanical is nonhazardous under DOT.

14.2 Additional Information
Not applicable.

Section 15: Regulatory Information

No components of Sol-U-Guard Botanical are subject to California Proposition 65 labeling.

Section 16: Other Information

The information provided herein is furnished without warranty of any kind, express or implied. Data supplied are for use only in connection with occupational safety and health. The information on this sheet is limited to the material identified and is believed by Melaleuca to be correct based on its knowledge and information as of the date noted. Melaleuca makes no representation, guarantee, or warranty, expressed or implied, as to the accuracy, reliability, or completeness of the information and assumes no responsibility for injury, damage, or loss resulting from the use of the material.