

MATERIAL SAFETY DATA SHEET

Complies with OSHA'S Hazard Communication Standard, 29 CFR 1910.1200.

APRIL 2012

OPTI-SCRUB^{NR}TM **ANTIMICROBIAL TOPICAL SKIN SANITIZER**

SECTION I - Contact Information

Micro-Scientific Industries, Inc.
1225 Carnegie Street
Rolling Meadows, IL 6000
For Information call 1-888-253-2536

Emergency Telephone Number:

1-800-255-3924 (24 Hours)

SECTION II - Hazardous Ingredients / Identity Information

Hazardous Components Specific Chemical Identity; CAS Number	OSHA PEL	ACGIH TLV	Other Limits Recommended	% (optional)
Isopropyl Alcohol; 67-63-0	400ppm	400ppm	N/D	10.0

SECTION III - Physical/Chemical Characteristics

Boiling Point: N/D **Specific Gravity (H₂O = 1):** 0.99
Vapor Pressure (mm Hg.): N/D **Melting Point:** N/A
Vapor Density (AIR = 1): N/D **Evaporation Rate (Butyl Acetate = 1):** N/D
Solubility in Water: Complete **pH:** 6.0
Appearance/Odor: White viscous liquid gel with slight fresh scent fragrance

SECTION IV - Fire and Explosion Hazard Data

Flash Point (Method Used): 138 Closed Cup
Flammable Limits: **LEL:** N/D **UEL:** N/D
Extinguishing Media: Dry chemical, carbon dioxide, foam, and water fog.
Special Fire Fighting Procedures: Wear self-contained breathing apparatus.
Unusual Fire and Explosion Hazards: None known.

SECTION V - Reactivity Data

Stability: Stable
Incompatibility (Materials to Avoid): Strong oxidizing agents.
Hazardous Decomposition or By-products: Oxides of carbon.
Hazardous Polymerization: Will not occur.
Conditions to Avoid: Heat, sparks and open flames.

SECTION VI - Health Hazard Data

Health Hazards (Acute and Chronic):**Inhalation:** None expected under normal use conditions.**Eyes:** Contact with eyes may cause light, mild reversible irritation.**Skin:** N/A.**Ingestion:** If accidentally swallowed, large doses may produce gastric upset.**Carcinogenicity:** NTP: N/A IARC Monographs: N/A OSHA Regulated: N/A**Signs and Symptoms of Exposure:****Inhalation:** None expected under normal use conditions.**Eyes:** Mild irritation, redness.**Skin:** None expected under normal use conditions.**Ingestion:** Abdominal discomfort, diarrhea, and nausea.**Medical Conditions Generally Aggravated by Exposure:** None expected.**Emergency and First Aid Procedures:****Inhalation:** N/A**Eyes:** Flush with water for at least 15 minutes. If irritation persists, seek medical attention.**Skin:** Rinse with water. If irritation persists, seek medical attention.**Ingestion of the solution:** Dilute by drinking 1-2 glasses of water. Do not induce vomiting. Call a physician immediately.

SECTION VII - Precautions for Safe Handling and Use

Steps to Be Taken in Case Material is Released or Spilled: Clean up with mop or sponge. Flush area with water.**Waste Disposal Method:** Dispose of in accordance with all applicable local, state and federal regulations.**Precautions to Be Taken in Handling and Storing:** Store in a cool, dry area.**Other Precautions:** Keep out of reach of children. Keep away from heat and other sources of ignition. Avoid contact with eyes and broken skin.

SECTION VIII - Control Measures

Respiratory Protection (Specific Type): None**Ventilation: Local Exhaust:** None
Special: None**Mechanical (General):** None
Other: None**Protective Gloves:** None**Eye Protection:** None**Other Protective Clothing or Equipment:** None**Work/Hygienic Practices:** None*Note: N/A or N/D as an information entry means the data is not applicable or determined, respectively.*