

# SAFETY DATA SHEET

Confirms to OSHA Hazard Communication Standard (CFR 29 1910.1200) HazCom 2012



**Product:** Micro-Scientific Opti-Scrub - OS24-002, OS12-018, OS04-128

**Revision Date:** 21-Dec-2015

## SECTION 1 – IDENTIFICATION

### Product Identifier

**Product Name:** Micro-Scientific Opti-Scrub

**Product Code:** OS24-002, OS12-018, OS04-128

### Recommended Use of the Chemical and Restrictions for Use

**Recommended Use:** Skin cleaner.

**Restrictions for Use:** Use only as directed.

### Details of the Supplier

**Manufacturer:** Micro-Scientific, LLC  
755 Tri-State Parkway  
Gurnee, IL 60031 USA  
1-888-253-2536

### Emergency Phone Number

**24-Hour Number:** 1-800-535-5053

**International:** 1-352-323-3500

## SECTION 2 – HAZARDS IDENTIFICATION

### Classification

Not classified.

### Label Elements

**Hazard Symbols(s):**

None

**Signal Word(s):** None.

**Hazard Statement(s):** None.

**Precautionary Statement(s):** None.

### Other Hazards

None

## SECTION 3 – COMPOSITION / INFORMATION ON INGREDIENTS

None by OSHA HazCom 2012 criteria

## SECTION 4 – FIRST AID MEASURES

### First Aid Measures

**Inhalation:** Remove to fresh air. If person is having difficulty breathing, give oxygen and call a physician immediately.

**Eye Contact:** Rinse immediately with water for at least 20 minutes. If irritation persists, seek medical attention immediately.

**Ingestion:** Do NOT induce vomiting. Drink cool water. Call a physician or poison control center. Never give anything by mouth to an unconscious person.

**Skin:** If irritation occurs and/or persists, seek medical attention.

### Most Important Symptoms and Effects (Acute and Delayed)

**Inhalation:** May cause allergic respiratory reaction.

**Eye Contact:** May cause eye irritation. Symptoms may include discomfort or pain, excess blinking and tear production, with possible redness and swelling.

**Ingestion:** May be harmful if swallowed. May cause stomach distress, nausea or vomiting.

**Skin:** May cause skin irritation. Symptoms may include redness, drying, defatting and cracking of the skin.

### Indication of any Immediate Medical Attention and Special Treatment Needed

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**Note to Physician:** Treat symptomatically.

## SECTION 5 – FIRE FIGHTING MEASURES

### Extinguishing Media

**Suitable:** Treat for surrounding material.

**Unsuitable:** None known.

### Specific Hazards Arising from Chemical

Products of combustion include but are not limited to: oxides of carbon.

### Protective Equipment and Precautions for Firefighters

As in any fire, wear self-contained breathing apparatus pressure-demand, MSHA/NIOSH (approved or equivalent) and full protective gear.

## SECTION 6 – ACCIDENTAL RELEASE MEASURES

### Personal Precautions, Protective Equipment, and Emergency Procedures

**Personal Precautions:** Use personal protection recommended in Section 8. Floors will become slippery. Keep personnel from entering spill area.

**Environmental Precautions:** See Section 12 for ecological information.

### Methods and Material for Containment and Cleaning Up

Contain spill with an inert absorbent material, (sand, earth, vermiculite) and place in a container for disposal according to local and national regulations. Avoid runoff into storm sewers, ditches, and water ways. Flush away traces with water and clean with mops or rags.

## SECTION 7 – HANDLING AND STORAGE

### Precautions for Safe Handling

**Handling:** Use adequate ventilation. Avoid breathing vapors, spray or mist. Handle in accordance with good industrial hygiene and safety practice. Wash hands after use. Do not eat, drink, or smoke when using this product.

**General Hygiene Advice:** Launder contaminated clothing before use. Wash hands before eating, drinking, or smoking.

### Conditions for Safe Storage, Including any Incompatibilities

**Storage Conditions:** Store in a cool dry place. Keep partially used containers closed and away from heat and humidity. Do not exceed storage temperature of (50°C) 120°F. Keep out of reach of children.

**Incompatible Materials:** None known.

## SECTION 8 – EXPOSURE CONTROLS/PERSONAL PROTECTION

### Control Parameters

#### **Exposure Guidelines:**

None

### Appropriate Engineering Controls

Use ventilation adequate to keep exposures (airborne levels of dust, fume, vapor, etc.) below recommended exposure limits.

### Individual Protection Measures

**Respiratory Protection:** None required under normal conditions of use.

**Skin and Body Protection:** None required under normal conditions of use.

**Eye/Face Protection:** Safety glasses are recommended but not required.

**General Work/Hygienic Practices:** Handle in accordance with good industrial hygiene and safety practice.

## SECTION 9 – PHYSICAL AND CHEMICAL PROPERTIES

**Appearance:** Pearlescent green viscous liquid

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**Odor:** Perfume

**Odor threshold:** Not determined

**pH:** 8.3

**Melting point/freezing point:** Not determined

**Initial boiling point and boiling range:** Not determined

**Flash point:** Not determined

**Evaporation rate:** Not determined

**Flammability (solid, gas):** Not flammable

**Upper/lower flammability or explosive limits:** Not determined

**Vapor pressure:** Not determined

**Vapor density:** Not determined

**Relative density:** 1.02

**Solubility(ies):** Water

**Partition coefficient (n-octanol/water):** Not determined

**Auto-ignition temperature:** Not determined

**Decomposition temperature:** Not determined

**Viscosity:** Not determined

## SECTION 10 – STABILITY AND REACTIVITY

**Reactivity:** Not reactive under normal conditions.

**Chemical stability:** Stable under recommended storage conditions.

**Possibility of hazardous reactions:** None under normal use.

**Conditions to avoid:** Extreme heat.

**Incompatible materials:** None known.

**Hazardous decomposition products:** May include and are not limited to: oxides of carbon.

## SECTION 11 - TOXICOLOGICAL INFORMATION

### Information on Toxicological Effects

**Likely Routes of Exposure:** Inhalation, skin contact, eye contact, ingestion

### Information Related to Physical, Chemical, and Toxicological Effects

See section 4 of this SDS.

### Delayed and Immediate Effects as well as Chronic Effects from Short and Long-term Exposure

**Carcinogenicity:** NTP: No IARC: No OSHA: No

### Numerical Measures of Toxicity

Product	
ATE (oral)	Not available
ATE (dermal)	Not available
ATE (inhalation)	Not available

### **Component Information:**

None

## SECTION 12 - ECOLOGICAL INFORMATION

**Ecotoxicity:** Not established

**Persistence and degradability:** Not established

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**Bioaccumulative potential:** Not established

**Mobility in soil:** No additional information available

**Other adverse effects:** No additional information available.

## SECTION 13 – DISPOSAL CONSIDERATIONS

See section 8 of this SDS for exposure controls and personal protection.

Dispose of the product and container in accordance with all applicable local, state, and federal regulations.

## SECTION 14 – TRANSPORT INFORMATION

**Note:** Classification changes based on quantity, packaging, and method of shipment. See current shipping paper for most up to date shipping information.

**DOT (Ground):** Not regulated.

**IATA (Air):** Not regulated.

**IMDG (Vessel):** Not regulated.

## SECTION 15 – REGULATORY INFORMATION

All ingredients in this product are listed or are excluded from listing on the US Toxic Substances Act (TSCA) Chemical Substance Inventory.

## SECTION 16 – OTHER INFORMATION

**Issue Date:** 21-Dec-2015

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The information provided in this Safety Data Sheet is correct to the best of our knowledge, information, and belief at the date of its publication. The information given is designed only as guidance for safe handling, use, processing, storage, transportation, disposal, and release and is not to be considered a warranty or quality specification. The information relates only to the specific material designed and may not be valid for such material used in combination with any other materials or in any process, unless specified in the text.

**End of Safety Data Sheet**