

SAFETY DATA SHEET

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



Product: Micro-Scientific Cuts-It Gel – M60005

Revision Date: 18-Dec-2015

SECTION 1 – IDENTIFICATION

Product Identifier

Product Name: Micro-Scientific Cuts-It Gel

Product Code: M60005

Recommended Use of the Chemical and Restrictions for Use

Recommended Use: Instrument detergent spray

Restrictions for Use: Use only as directed.

Details of the Supplier

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

Emergency Phone Number

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

International: 1-352-323-3500

SECTION 2 – HAZARDS IDENTIFICATION

Classification

Hazard Class	Category
None	N/A

Label Elements

Hazard Symbols(s): Not applicable

Signal Word(s): Not applicable

Hazard Statement(s): Not applicable

Precautionary Statement(s): In cases of contact with skin or eyes, immediately flush with plenty of water and get medical attention if irritation persists. If inhaled and breathing is difficult, remove victim to fresh air and get medical attention. If ingested, do not induce vomiting and get medical attention. Dispose of container in accordance with all local, regional, national, and international regulations.

Other Hazards

Not applicable

SECTION 3 – COMPOSITION / INFORMATION ON INGREDIENTS

Chemical Name	CAS Number	Wt %
None	N/A	N/A

SECTION 4 – FIRST AID MEASURES

First Aid Measures

Inhalation: If breathing is difficult, remove victim to fresh air and keep at rest in a position comfortable for breathing. Get medical attention if victim feels unwell.

Eye Contact: Immediately flush eyes with plenty of water. If present, remove contact lenses after flushing for five minutes. Continue flushing for at least 15 minutes. If irritation persists, get medical attention.

Ingestion: Do not induce vomiting unless directed to do so by medical personnel. Never give anything by mouth to an unconscious person. Get medical attention immediately.

Skin: Remove contaminated clothing. Wash with soap and water. If irritation persists, seek medical attention.

Most Important Symptoms and Effects (Acute and Delayed)

Inhalation: May cause respiratory tract irritation.

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Eye Contact: May cause eye irritation. Symptoms may include discomfort or pain, excess blinking and tear production, with marked redness and swelling of the conjunctiva.

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

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

Indication of any Immediate Medical Attention and Special Treatment Needed

Note to Physician: Symptoms may not appear immediately. In case of accident or if you feel unwell, seek medical advice immediately (show the label or SDS where possible).

SECTION 5 – FIRE FIGHTING MEASURES

Extinguishing Media

Suitable: Foam, carbon dioxide, dry chemical, or water fog.

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. Keep upwind of fire.

SECTION 6 – ACCIDENTAL RELEASE MEASURES

Personal Precautions, Protective Equipment, and Emergency Procedures

Personal Precautions: Use personal protective equipment as recommended in section 8. Isolate the hazard area and deny entry to unnecessary and unprotected personnel.

Environmental Precautions: See Section 12 for ecological information.

Methods and Material for Containment and Cleaning Up

Small spills may be flushed to a sanitary sewer with copious amounts of water if in accordance with national and local regulations. Contain and/or absorb large spills with inert material (e.g. sand, vermiculite), then place in a suitable container. Do not flush to sewer or allow to enter waterways. Scoop up material and place in a disposal container.

SECTION 7 – HANDLING AND STORAGE

Precautions for Safe Handling

Handling: Avoid contact with skin and eyes. Avoid breathing vapour or mist. Handle and open container with care. 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: Keep container closed when not in use. Store in a dry, cool, and well-ventilated area. Keep out of reach of children.

Incompatible Materials: Strong oxidizing agents.

SECTION 8 – EXPOSURE CONTROLS/PERSONAL PROTECTION

Control Parameters

No data available

Exposure Guidelines:

No data available

Appropriate Engineering Controls

Apply technical measures to comply with occupational exposure limits.

Individual Protection Measures

Respiratory Protection: Ensure adequate ventilation, especially in confined areas.

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Skin and Body Protection: Wear latex, rubber, nitrile, or polyethylene gloves.

Eye/Face Protection: Safety glasses or goggles are recommended when using this product.

General Work/Hygienic Practices: Handle in accordance with good industrial hygiene and safety practice. Do not eat, smoke or drink where material is handled, processed or stored. Wash hands carefully before eating or smoking.

SECTION 9 – PHYSICAL AND CHEMICAL PROPERTIES

Appearance: Blue gel

Odor: Slight

Odor threshold: Not determined

pH: 8.6

Melting point/freezing point: Not determined

Initial boiling point and boiling range: Not determined

Flash point: >93.3°C (>200°F) TCC

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: 1.00

Solubility(ies): Not determined

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: Heat.

Incompatible materials: Strong oxidizing agents.

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)	>2000 mg/kg, rat
ATE (dermal)	>2000 mg/kg, rabbit

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ATE (inhalation)

>20 mg/l/4h, rat

SECTION 12 - ECOLOGICAL INFORMATION

Ecotoxicity: Not established

Persistence and degradability: Not established

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

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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