1-4-17

BIOMÉRIEUX

Material Safety Data Sheet

SECTION 1: PRODUCT AND COMPANY IDENTIFICATION

bioMérieux, Inc.
595 Anglum Road
Hazelwood, MO 63042
For Information Call: 1-800-638-4835
Web Site: http://www.biomerieux-usa.com/index.htm

EMERGENCY CONTACT
1-800-424-9300 (Chemtrec)
Or Contact Your Local
Poison Control Center

Mineral Oil
Science kit-c-Boreal Lab.

Product Number: 70100
Product Name: Mineral Oil
Product Description: White mineral oil.

SECTION 2: HAZARDS IDENTIFICATION

EMERGENCY OVERVIEW

CAUTION! May cause minor irritation to the eyes. Aspiration into the lungs during swallowing or vomiting may cause severe lung damage.

US OSHA Classification (29CFR1910.1200): Occupational Exposure Limit
EU Classification (1999/45/EC): Xn R65, S46
See Section 16 for further information on EU Classification.

SECTION 3: COMPOSITION/INFORMATION ON INGREDIENTS

CAS#	COMPONENT	PERCENTAGE
8042-47-5	Mineral Oil	100%

See Section 8 for exposure limits.

SECTION 4: FIRST AID MEASURES

Inhalation: Immediately remove the victim to fresh air. Get medical attention if symptoms persist.

Skin Contact: Wash thoroughly with soap and water. Get medical attention if irritation develops.

Eye Contact: Immediately flush the eyes with large amounts of water while holding the eyelids open to assure that the entire surface is flushed. Get medical attention if irritation persists.

Ingestion: Never give anything by mouth to an unconscious or convulsing person. DO NOT induce vomiting. Get immediate medical attention.

SECTION 5: FIRE FIGHTING MEASURES

Extinguishing Media: Use dry chemical, carbon dioxide, or foam.

Special Fire Fighting Procedures: Firefighters should wear self-contained breathing apparatus and full protective clothing.

Unusual Fire and Explosion Hazards: Not classified as flammable or combustible but will burn under fire conditions or if heated above its flash point.

Hazardous Combustion Products: Carbon dioxide, carbon monoxide.

SECTION 6: ACCIDENTAL RELEASE MEASURES

Wear protective equipment (gloves, apron and safety goggles). Collect with an inert absorbent material and place in a container for disposal.

SECTION 7: HANDLING AND STORAGE

Follow the directions on the package insert. Follow good laboratory practices of avoiding contact (breathing, touching, smoking, etc.) with a laboratory reagent. Avoid breathing mists. Avoid contact with the skin and eyes.

Follow storage instructions on the product label.

SECTION 8: EXPOSURE CONTROLS AND PERSONAL PROTECTION

Component	Exposure Limits
Mineral Oil (as Oil Mist)	5 mg/m3 TWA ACGIH TLV, 10 mg/m3 STEL ACGIH TLV 5 mg/m3 TWA OSHA PEL

Ventilation: General room ventilation will be sufficient.
Respiratory Protection: If exposure limits are exceeded, wear an approved organic vapor/dust/mist respirator or supplied air respirator.
Gloves: Impervious gloves such as neoprene.
Eye Protection: Standard laboratory safety glasses.
Other Protective Equipment/Clothing: None.

SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

Appearance and Odor: Clear liquid with no odor.

pH: Not applicable	**Boiling Point:** 335°C/630°F
Vapor Pressure: <1 mmHg @ 20°C	**Melting Point:** Not applicable
Vapor Density: Not applicable	**Percent Volatile:** Nil
Evaporation Rate: Not applicable	**Specific Gravity:** 0.875 @ 60°F
Water Solubility: Insoluble	**Coefficient of Oil/Water:** Not determined
Flash Point: 224°C/435°F (COC)	**Autoignition Temp:** Not determined
Flammability Limits: **LEL:** Not determined	**UEL:** Not determined

SECTION 10: STABILITY AND REACTIVITY

Stability: Stable under normal temperatures and pressures.
Conditions to Avoid: Avoid excessive heat and open flames.
Incompatibility: Strong oxidizing agents.
Hazardous Decomposition Products: Combustion will product oxides of carbon and dense smoke.
Hazardous Polymerization: Will not occur.

SECTION 11: TOXICOLOGICAL INFORMATION

HEALTH HAZARDS:

Inhalation: Inhalation of oil mists may lead to lipid pneumonia, symptoms are coughing and shortness of breath.

Skin Contact: Contact is not expected to cause adverse effects.

Eye Contact: Contact may cause mild irritation.

Ingestion: Oral toxicity is low. Ingestion of large doses may cause a laxative effect. Aspiration into the lungs during ingestion or vomiting may cause lipid pneumonia and lung damage.

Chronic Health Hazards: None currently known.

Carcinogen Status: None of the components of this product are listed as a carcinogen or suspected carcinogen by IARC, NTP, ACGIH, or OSHA.

Medical Conditions Aggravated by Exposure: None currently known.

Acute Toxicity Values:

Mineral Oil: Oral rat LD50: >5000 mg/kg; Dermal rabbit LD50: >2000 mg/kg

SECTION 12: ECOLOGICAL INFORMATION

The ecological effects of this material have not been determined.

SECTION 13: DISPOSAL CONSIDERATIONS

Waste Disposal Method: Dispose of product in accordance with all local, state/provincial and federal regulations.

Container Disposal: Empty containers should be collected for proper disposal as biohazardous waste.

SECTION 14: TRANSPORT INFORMATION

Not regulated for transportation by DOT, IATA/ICAO, TDG or IMDG.

SECTION 15: REGULATORY INFORMATION

SARA 311/312: Hazard Categories for SARA 311/312 Reporting: Not hazardous

SARA 313: This product contains the following chemicals subject to Annual Release Reporting Requirements under SARA Section 313(40 CFR372): None

CERCLA Section 103 Reportable Quantity: This product is not subject to reporting under CERCLA. Many states have more stringent release reporting requirements. Report spills required under federal, state and local regulations.

California Proposition 65: This product contains the following substances known to the State of California to cause cancer and/or reproductive harm: None known.

Canada WHMIS Classification: Not a controlled product.
This product has been classified in accordance with the hazard criteria of the CPR, and the MSDS contains all the information required by the CPR.

SECTION 16: OTHER INFORMATION

NFPA Hazard Rating: Health: 1 Fire: 1 Reactivity: 0

Revision History:
07/09/1993: New MSDS
04/14/2006: Comprehensive Review: No changes necessary.

12/28/2009: Switched Sections 2 and 3. Moved flammability information from Section 5 to Section 9. Moved exposure limits to Section 8.

EU Classes and Risk Phrases for Reference (See Sections 2 and 3):
Xn Harmful
R65 Harmful: May cause lung damage if swallowed.
S46 If swallowed, seek medical advice immediately and show this container or label.

The above information is believed to be correct as of the date of this sheet but does not purport to be all inclusive and shall be used only as a guide. Since the use of this information and the conditions of use of the product are not within the control of bioMérieux S.A. nor bioMérieux, Inc., it is the user's obligation to assure safe use of this product.