



Safety Data Sheet

Product and Company Identification

Product Name	Keratinocyte Medium Kit
Cat Number	TM040
Brand	Applied Biological Materials Inc (abm)
Product Use	For research use only and is not intended for therapeutic or diagnostic applications
Supplier and Manufacturer	Applied Biological Materials Inc 1-3671 Viking Way Richmond, BC V6V 2J5 CANADA
Telephone	(604) 247-2416
Toll Free	1-866-757-2414
Fax	(604) 247-2414

Hazards Identification

Emergency Overview

Target Organs	Central Nervous System, Kidney
WHMIS Classifications	Not WHMIS controlled. Not a dangerous substance or mixture in accordance to Globally Harmonized System (GHS)

HMIS Classification

Health Hazard	2
Chronic Health Hazard	No data available
Flammability	0
Physical Hazards	0

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Potential Health Effects

Inhalation	May be harmful if inhaled. Cause respiratory tract irritation
Skin	May be harmful if absorbed through skin. Cause skin irritation
Eyes	Cause eye irritation
Ingestion	May be harmful if swallowed

Composition and Information on Ingredients

Keratinocyte Medium Kit	This product contains no substances at their given concentration in the formulation are known to be hazardous to health.
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First Aid Measures

General Advice:	Move out of dangerous area.
If Inhaled:	Move person into fresh air. If not breathing, give artificial respiration.
In Case of Skin Contact:	Wash off with soap and running water.
In Case of Eye Contact:	Immediately flush eyes with water as a precaution.
If Swallowed:	Never give anything by mouth to unconscious person. Rinse mouth with water.

Firefighting Measures

Conditions of Flammability	Non-flammable or combustible
Suitable Extinguishing Media	Use water spray, alcohol resistant foam, dry chemical, or carbon dioxide
Special Protective Equipment for Firefighters	Wear self-contained breathing apparatus for firefighting if necessary

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Hazardous Combustion Products

Hazardous decomposition products formed under fire conditions. Nature of decomposition products not known.

Explosion Data

No data available.

Accidental Release Measures

**Note the use of product in accordance with Good Laboratory Practices should not result in explosives mixtures being formed.*

Personal Precautions

Avoid dust formation. Avoid breathing in vapours, mist or gas.

Environmental Precautions

Do not let products enter drains

Methods and Materials for Containment and Cleaning

Sweep up and shovel plastics. Dry up aqueous spillage after de-contamination. Keep in suitable, closed containers for disposal.

Handling and Storage

Precautions for Safe Handling

Provide appropriate exhaust ventilation in places where dust may form

Conditions for Safe Storage

Keep container tightly closed in dry and well ventilated area. Recommended storage temperature 2-8°C or -20°C as indicated on product label. Do not use product if expired.

Exposure Control and Personal Protection

Personal Protective Equipment

Respiratory Protection

Not required. If protection from nuisance levels of dust are desire, may use type N95 (US) or type P1 (EN 143) dust masks.

Hand Protection

Handle with gloves. Must be inspected before use. Use proper glove removal technique to avoid skin contact with this product. Dispose contaminated gloves after use in accordance with applicable laws and good laboratory practices. Wash and dry hands after removal.

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Eye Protection

Use equipment for eye protection tested and approved under appropriate government standards such as NIOSH (US) or EN 166 (EU)

Skin and Body Protection

Choose body protection in relation to its type, to the concentration and amount of dangerous substances, and to specific workplace.

Hygiene Measures

General industrial hygiene practice.

Specific Engineering Controls

Use mechanical exhaust or laboratory fumehood to avoid exposure.

Physical and Chemical Properties

Appearance

Form

Liquid

Colour

No data available

Safety Data

pH

No data available

Melting Point

No data available

Freezing Point

No data available

Ignition Temperature

No data available

Flash Point

No data available

Auto-Ignition Temperature

No data available

Lower Explosion Limit

No data available

Upper Explosion Limit

No data available

Vapour Pressure

No data available

Density

No data available

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Water Solubility No data available

Partition Coefficient (n-octanol/water) No data available

Relative Vapour Density No data available

Odour No data available

Odour Threshold No data available

Evaporation Rate No data available

Stability and Reactivity

Chemical Stability Stable under recommended storage conditions.

Possibility of Hazardous Reactions No data available

Conditions to Avoid No data available

Materials to Avoid Strong oxidizing agents

Hazardous Decomposition Products Hazardous decomposition products formed under fire conditions. Nature of decomposition products not known. Other decomposition products no data is available.

Toxicological Information

Acute Toxicity

Oral LD50 No data available

Inhalation LC50 No data available

Dermal LC50 No data available

Other Information on Acute Toxicity No data available

Skin Corrosion or Irritation No data available

Serious Eye Damage or Irritation No data available

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Respiratory or Skin Sensitization No data available

Germ Cell Mutagenicity No data available

Carcinogenicity

IARC

No component present at levels greater than or equal to 0.1% is identified as probable, possible or confirmed human carcinogen.

ACGIH

No component present at levels greater than or equal to 0.1% is identified as a carcinogen or potential carcinogen.

Reproductive Toxicity No data available

Teratogenicity No data available

Specific Target Organ Toxicity – Single Exposure No data available

Specific Target Organ Toxicity – Repeated Exposure No data available

Aspiration Hazard No data available

Potential Health Effects

Inhalation May be harmful if inhaled. Cause respiratory tract irritation.

Ingestion May be harmful if swallowed.

Skin May be harmful if absorbed through skin. Causes skin irritation.

Eyes Causes eye irritation.

Signs and Symptoms of Exposure Chemical, physical, and toxicological properties have not been thoroughly investigated to the best of our knowledge.

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Synergistic Effects No data available

Additional Information No data available

Ecological Information

Toxicity No data available

Persistence and Degradability No data available

Bioaccumulative Potential No data available

Mobility in Soil No data available

PBT and vPvB Assessment No data available

Other Adverse Effects No data available

Disposal Consideration

Product Offer surplus and non-recyclable solutions to licensed disposal company. Contact a licensed professional waste disposal service to dispose of this material.

Contaminated Packaging Dispose of as unused product.

Transport Information

DOT (US) Not dangerous goods

IMDG Not dangerous goods

IATA Not dangerous goods

Regulatory Information

WHMIS Classification Not WHMIS controlled.

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Other Information

The above information to the best of our knowledge is believed to be correct. Applied Biological Materials Inc (**abm**) and Affiliates shall not be held liable for any damages resulting from handling or contact with the above product. This product is for research use only and is not intended for therapeutic or diagnostic applications. Please contact a technical service representative for more information.

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