

Material Safety Datasheet (MSDS)

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Version 2.2

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Applied Biological Materials Inc.

1-3671 Viking Way,

Richmond, BC, CANADA

V6V 2J5

Section 1 – Product and Company Information

Product Name	Trypsin-EDTA (0.25%)
Catalog # From Manufacturer	TM050
Original Manufacturer	Applied Biological Materials Inc.

Company	Applied Biological Materials Inc.
Address	#1-3671 Viking Way Richmond BC V6V 2J5 CA
Technical Phone	604-247-2416
Fax	604-247-2414
Emergency Phone	866-757-2414

Section 2 – Composition/Information on Ingredient

The product contains no substances which at their given concentration, are considered to be hazardous to health.

Section 3 – Hazards Identification

WHMIS Classification	<ul style="list-style-type: none">• Health Hazard: 0• Flammability: 0• Reactivity: 0
NFPA Rating	<ul style="list-style-type: none">• Health: 0• Flammability: 0• Reactivity: 0

Section 4 – First Aid Measures

Eye Contact	Rinse thoroughly with plenty of water for at least 15 minutes and consult a physician.
Skin Contact	Wash off with soap and plenty of water. Consult a physician.
Inhalation	If breathed in, move person into fresh air. If not breathing give artificial respiration. Consult a physician.
Ingestion	Never give anything by mouth to an unconscious person. Rinse mouth with water. Consult a physician.

Section 5 – Fire Fighting Measures

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.
Hazardous Combustion Products	No data available.

Section 6 – Accidental Release Measures

Personal Precautions	Avoid breathing vapors, mist or gas.
Environmental precautions	No special environmental precautions required.
Methods for Cleaning Up	Soak up with inert absorbent material.

Section 7 – Handling and Storage

Precautions for Safe Handling	Use personal protective equipment as required. No special handling advices are necessary.
Conditions for Safe Storage	Keep container tightly closed in a dry and well-ventilated place.

Section 8 – Exposure Controls/ PPE

Engineering Controls	<ul style="list-style-type: none"> • Ensure adequate ventilation, especially in confined areas.
Personal Protective Equipment	<ul style="list-style-type: none"> • Eye Protection: Tight sealing safety goggles • Hand Protection: Handle with gloves. Gloves must be inspected prior to use. Use proper glove removal technique (without touching glove's outer surface) to avoid skin contact with product. Dispose of contaminated gloves after use in accordance with applicable laws and good laboratory practices. Wash and dry hands. • Skin and Body Protection: Impervious clothing, the type of protective equipment must be selected according to the concentration and amount of the dangerous substance at the specific workplace. • Respiratory Protection: In case of insufficient ventilation wear respirators and components tested and approved under appropriate government standards. • Hygiene Measures: General industrial hygiene practice.
General Hygiene Measures	<ul style="list-style-type: none"> • Handle in accordance with good industrial hygiene and safety practice.

Section 9 – Physical and Chemical Properties

Appearance	Liquid, colourless.
Odour	No data available.
Melting Point (°C)	No data available.
Boiling Temperature (°C)	No data available.
Density	No data available.
Vapour Pressure	No data available.
Solubility in Water	No data available.
Flash Point	No data available.
Explosion Limits	No data available.
Ignition Temperature	No data available.

Section 10 – Stability and Reactivity

Stability	<ul style="list-style-type: none">• Stability: Stable under recommended storage conditions.
Hazardous Decomposition Products	<ul style="list-style-type: none">• No data available.
Hazardous Polymerization	<ul style="list-style-type: none">• No data available.
Materials to avoid	<ul style="list-style-type: none">• No dangerous reaction known under conditions of normal use.

Section 11 – Toxicological Information

Route of Exposure	<ul style="list-style-type: none">• Skin: May be harmful if absorbed through skin. May cause skin irritation.• Eye Contact: May cause eye irritation• Inhalation: May be harmful if inhaled. May cause respiratory tract irritation.• Ingestion: May be harmful if swallowed.
Signs and Symptoms of Exposure	<ul style="list-style-type: none">• To the best of our knowledge, the chemical, physical, and toxicological properties have not been thoroughly investigated.

Section 12 – Ecological Information

Toxicity	<ul style="list-style-type: none">• No data available.
Persistence and Degradability	<ul style="list-style-type: none">• No data available.
Bioaccumulative Potential	<ul style="list-style-type: none">• No data available.
Mobility in Soil	<ul style="list-style-type: none">• No data available.

Section 13 – Disposal Considerations

Product	<ul style="list-style-type: none">• Dispose of in accordance with local regulations. Dispose of waste in accordance with environmental legislation.
Contaminated Packaging	<ul style="list-style-type: none">• Do not reuse empty containers.

Section 14 – Transportation Information

DOT	<ul style="list-style-type: none">• Not dangerous goods.
IMDG	<ul style="list-style-type: none">• Not dangerous goods.
IATA	<ul style="list-style-type: none">• Not dangerous goods.

Section 15 – Regulatory Information

- WHMIS Classification: 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.
- DSL: No
- NDSL: No

Section 16 – Other Information

The information contained in this Material Safety Datasheet is believed to be accurate but it is the responsibility of the user or supplier to determine the applicability of these data to the formulation of necessary safety precautions.

Applied Biological Materials Inc. shall not be held responsible for any damage resulting from the use of the above product or the information contained in this Material Safety Datasheet.