



Applied Biological Materials Inc.  
MATERIAL SAFETY DATA SHEET

Date Updated: 12/23/2015

Version 3.0

**Section 1 - Product and Company Information**

**Product Name** Growth Factors/Cytokines/Kinases  
**Company** Applied Biological Materials Inc.  
**Address** #1-3671 Viking Way  
Richmond BC V6V 2J5  
Canada  
**Technical Phone:** 604-247-2416  
**Fax:** 604-247-2414  
**Emergency Phone:** 866-757-2414

**Section 2 - Composition/Information on Ingredient**

**Content Name** Growth Factor/Cytokines/Kinases  
**CAS number** None  
**EEC-No** No

**Section 3 - Hazards Identification**

**HMIS Classification**

Health Hazard: 0

Flammability: 0

Reactivity: 0

**NFPA Rating**

Health: 0

Flammability: 0

Reactivity: 0

**Section 4 - First Aid Measures**

**Eye contact**

Flush eyes, also under the eyelids, with plenty of water for at least 15 minutes. Then get immediate medical attention.

No. 1, 3671 Viking Way  
Richmond BC, Canada V6V 2J5  
Tel: 604-247-2416  
Fax: 604-247-2414  
www.abmGood.com

**Skin contact**

Wash off immediately with plenty of water.

**Inhalation**

If inhaled, exit to fresh air. If breathing becomes difficult call a physician.

**Ingestion**

Rinse mouth with water and seek immediate medical attention.

**Section 5 - Fire Fighting Measures****Suitable extinguishing media:**

The product is non-flammable. Use water spray, alcohol-resistant foam, dry chemical or carbon dioxide.

**Protective equipment:**

Wear suitable protective clothing to prevent contact with skin and eyes and self contained breathing apparatus.

**Section 6 - Accidental Release Measures****Personal safety precautions:**

Use standard laboratory practices including proper personal protective equipment.

**Measures for environmental protection:**

Do not let product enter drains.

**Methods for cleaning up**

Soak up with inert absorbent material.

**Section 7 - Handling and Storage****Handling**

User Exposure: avoid inhalation. Avoid contact with eyes, skin, and clothing. Wash thoroughly after handling.

No. 1, 3671 Viking Way  
Richmond BC, Canada V6V 2J5  
Tel: 604-247-2416  
Fax: 604-247-2414  
www.abmGood.com



#### **Storage**

Keep container tightly closed in a dry and well ventilated place. See product data sheet for more information on handling and storage.

#### **Section 8 - Exposure Controls/PPE**

**Ventilation Data:** Provide adequate local exhaust ventilation

**Respiratory Protection:** None required if ventilation is adequate

**Protective Gloves:** Wear chemical resistant gloves

**Eye protection:** Safety glasses with side-shields

**Skin and body protection:** Lightweight protective clothing

**Hygiene measures:** Handle in accordance with good industrial hygiene and safety practice

#### **Section 9 - Physical and Chemical Properties**

<b>Form</b>	Lyophilized white powder or clear liquid
<b>Colour</b>	Colourless
<b>Odour</b>	Little to none
<b>Melting point</b>	Not applicable
<b>Boiling temperature</b>	No data available
<b>Density</b>	No data available
<b>Vapour pressure</b>	No data available
<b>Solubility in water</b>	No data available
<b>Flash point</b>	Not applicable
<b>Explosion limits</b>	Not applicable
<b>Ignition temperature</b>	Not applicable

#### **Section 10 - Stability and Reactivity**

##### **Reactivity:**

Stable under recommended transport and storage conditions.

##### **Chemical Stability:**

Stable under recommended storage and handling temperatures.

##### **Possible hazardous reactions:**

Hazardous reactions will not occur under normal transport or storage conditions.

No. 1, 3671 Viking Way  
Richmond BC, Canada V6V 2J5  
Tel: 604-247-2416  
Fax: 604-247-2414  
www.abmGood.com



**Incompatible materials to be avoided:**

Heat and moisture.

**Incompatible materials:**

Strong acids/alkalis, strong oxidizing/reducing agents.

**Section 11 - Toxicological Information**

**Eye Contact:**

May cause eye irritation

**Skin Contact:**

May cause skin irritation

**Inhalation:**

May be harmful if inhaled. May be irritating to mucous membranes

**Ingestion:**

May be harmful if swallowed

To the best of our knowledge, the chemical, physical and toxicological properties have not been thoroughly investigated.

**Section 12 - Ecological Information**

No data available. The ecological effects have not been thoroughly investigated, but currently none have been identified.

**Section 13 - Disposal Considerations**

Observe all federal, state, and local environmental regulations. Contact a licensed professional waste disposal service to dispose of this material.

**Section 14 - Transportation Information**

**DOT**

- **Proper Shipping Name:** None
- **Non-Hazardous for Transport:** This substance is considered to be non-hazardous for transport.

No. 1, 3671 Viking Way  
Richmond BC, Canada V6V 2J5  
Tel: 604-247-2416  
Fax: 604-247-2414  
www.abmGood.com



**IATA**

- **Non-Hazardous for Air Transport:** Non-hazardous for air transport.

**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.

**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.