

# Material Safety Datasheet (MSDS)

Updated: 08/11/2023

Version 1

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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    | Adenovirus Products                       |
| 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

|                |                     |
|----------------|---------------------|
| Substance Name | Adenovirus Products |
| CAS Number     | None                |
| EEC-No         | No                  |

## Section 3 – Hazards Identification

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

## Section 4 – First Aid Measures

|                     |  |
|---------------------|--|
| <b>Eye Contact</b>  | Rinse thoroughly with plenty of water for at least 15 minutes. Assure adequate flushing by separating the eyelids with fingers. Consult a physician. |
| <b>Skin Contact</b> | Wash off with soap and plenty of water. Consult a physician.   |
| <b>Inhalation</b>   | If breathed in, move person into fresh air. If not breathing give artificial respiration. Consult a physician.                                       |
| <b>Ingestion</b>    | Never give anything by mouth to an unconscious person. Rinse mouth with water. Consult a physician.  |

## Section 5 – Fire Fighting Measures

|  |  |
|--|--|
| <b>Suitable Extinguishing Media</b>          | Use water spray, alcohol-resistant foam, dry chemical or carbon dioxide. |
| <b>Protective Equipment for Firefighters</b> | Wear self contained breathing apparatus for firefighting if necessary.   |

## Section 6 – Accidental Release Measures

|                                  |   |
|----------------------------------|---|
| <b>Personal Precautions</b>      | Exercise appropriate precautions to minimize direct contact with skin or eyes and prevent inhalation of dust.                                   |
| <b>Methods for Cleaning Up</b>   | Sweep up, place in a bag and hold for waste disposal. Avoid raising dust. Ventilate area and wash spill site after material pickup is complete. |
| <b>Environmental Precautions</b> | No special environmental precautions required.  |

## Section 7 – Handling and Storage

|                 |   |
|-----------------|---|
| <b>Handling</b> | User Exposure: Avoid inhalation. Avoid contact with eyes, skin, and clothing. Avoid prolonged or repeated exposure. |
| <b>Storage</b>  | Suitable: Keep tightly closed.<br>Store at -70°C  |

## Section 8 – Exposure Controls/ PPE

|                                      |   |
|--------------------------------------|---|
| <b>Engineering Controls</b>          | Safety shower and eye bath. Mechanical exhaust required.  |
| <b>Personal Protective Equipment</b> | <ul style="list-style-type: none"> <li>• <b>Eye Protection:</b> Chemical safety goggles.</li> <li>• <b>Hand Protection:</b> Protective gloves.</li> <li>• <b>Respiratory Protection:</b> Use respirators and components tested and approved under appropriate government standards such as NIOSH (US) or CEN (EU). Respiratory protection is not required. Where protection from nuisance levels of dusts are desired, use type N95 (US) or type P1 (EN 143) dust masks.</li> </ul> |
| <b>General Hygiene Measures</b>      | <ul style="list-style-type: none"> <li>• Handle in accordance with good industrial hygiene and safety practice.</li> </ul>  |

## Section 9 – Physical and Chemical Properties

n/a

## Section 10 – Stability and Reactivity

|   |   |
|---|---|
| <b>Stability</b>                        | <ul style="list-style-type: none"> <li>• Stability: Stable under normal conditions.</li> </ul>  |
| <b>Hazardous Decomposition Products</b> | <ul style="list-style-type: none"> <li>• Nature of decomposition products not known.</li> </ul> |
| <b>Incompatible Materials</b>           | <ul style="list-style-type: none"> <li>• Strong oxidizing agents..</li> </ul>                   |

## Section 11 – Toxicological Information

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

## Section 12 – Ecological Information

n/a

### Section 13 – Disposal Considerations

|                |  |
|----------------|--|
| <b>Product</b> | <ul style="list-style-type: none"><li>• Contact a licensed professional waste disposal service to dispose of this material. Dissolve or mix the material with a combustible solvent and burn in a chemical incinerator equipped with an afterburner and scrubber. Observe all federal, state, and local environmental regulations.</li></ul> |
|----------------|--|

### Section 14 – Transportation Information

|             |   |
|-------------|---|
| <b>DOT</b>  | <ul style="list-style-type: none"><li>• This substance is considered non-hazardous for transport.</li></ul> |
| <b>IATA</b> | <ul style="list-style-type: none"><li>• This substance is considered non-hazardous for transport.</li></ul> |

### Section 15 – Regulatory Information

#### United States Regulatory Information

- SARA LISTED: No

#### Canada 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

For research use only. Not intended for human or animal diagnostic or therapeutic uses.

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.