

Invent Biotechnologies, Inc.

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Material Safety Data Sheet

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SECTION 1 — CHEMICAL PRODUCT AND COMPANY IDENTIFICATION

| Product Name: | Catalog No. |
|--|--------------------|
| Minute™ Plant ER Enrichment Kit | PR-048 |
| Minute™ Plant Golgi Apparatus Enrichment Kit | PG-049 |
| Minute™ Plant Endosome Enrichment Kit | PE-050 |
| Minute™ Plant Lipid Raft Isolation Kit | PL-051 |
| Minute™ Synaptosome Isolation Kit | SY-052 |
| Minute™ Anti-Clumping Nuclei Storage Buffer | WA-014 |

Section 2--Hazardous/Non-hazardous

Non-hazardous

SECTION 3 — HAZARDS IDENTIFICATION

| | |
|--------------------------|--|
| Physical/chemical | Solutions listed contains synthetic polymers/carbohydrates and salts that are not hazardous. All chemicals are non-toxic. |
| Potential health effects | Absorbed through skin. Dermal contact. Eye contact. Inhalation, Ingestion |
| Carcinogenic effects | Not carcinogenic |
| Mutagenic effects | Not mutagenic |
| Reproduction toxicity | Not available |
| Teratogenic effects | Not available |

SECTION 4 — FIRST AID MEASURE

| | |
|-----------------------|---|
| Inhalation | If inhaled, remove to fresh air. If breathing is difficult, give oxygen and seek medical attention. |
| Ingestion | Do not induce vomiting unless directed to do so by medical personal. If large quantities of this material are swallowed, call a physician Immediately. |
| Skin contact | In case of contact, immediately flush the skin with plenty of water Remove contaminated clothes and shoes. |
| Eye contact | In case of contact, immediately flush eyes with plenty of water for at least 15 min. get medical attention. |
| Aggravating condition | Prolonged exposure is not known for aggravate medical condition. |

SECTION 5 — FIRE FIGHTING MEASURES

| | |
|---------------------|----------------------------------|
| Flammability | Some components may be flammable |
| Extinguishing media | water |
| Suitable | |

Hazardous N/A
Decomposition
Fire-fighting procedure

Protecting of fire-fighters N/A

SECTION 6 — ACCIDENTAL RELEASE MEASURE

Personal Precautions Splash goggles, full suit, boots and gloves. Consult a specialist.
Spill and leak Use appropriate tools to put the spilled solid in a convenient waste disposal container.

SECTION 7 — HANDLING AND STORAGE

Handling Wear gloves when handling the products

Storage Keep container tightly closed and store at room temperature.

SECTION 8 — EXPOSURE CONTROL / PERSONAL PROTECTION

Engineering measures Use process enclosure, local exhaust ventilation, or other Engineering controls to keep airborne level recommended limits.
Hygiene measures Wash hands after handling the materials.
Personal protective equipment
Skin and body Lab coat
Eyes Safety glasses

SECTION 9 — PHYSICAL AND CHEMICAL PROPERTIES

Physical state liquid
Color Not available
Molecular Weight Not available
Solubility Not available
Flash point Not available
Explosive properties Not available

SECTION 10 — STABILITY AND REACTIVITY

Stability The product is stable
Conditions to avoid Not available
Products of hazardous
Decomposition These products are carbon oxides (CO, CO₂), nitrogen oxides etc.

SECTION 11 — TOXICOLOGICAL INFORMATION

RTECS # N/A
Local effects
Skin irritation Not available
Acute toxicity LD50 and LC50: Not available
Chronic toxicity Repeated or prolonged exposure is not known for aggravate medical condition.
Other Toxic Effects
on humans Not available
Carcinogenic effects Not available

| | |
|-----------------------|---------------|
| Mutagenic effects | Not available |
| Reproduction toxicity | Not available |
| Teratogenic effects | Not available |

SECTION 12 — ECOLOGICAL INFORMATION

| | |
|---------------------------------------|--|
| Ecotoxicity | Not available |
| Toxicity of product of biodegradation | The product itself and its degradation products are not toxic. |

SECTION 13 — DISPOSAL CONSIDERATIONS

| | |
|---------------------|---|
| Methods of disposal | Waste must be disposed of in accordance with federal, state, and local control regulations. |
|---------------------|---|

SECTION 14 — TRANSPORT INFORMATION

| | |
|----------------------|--|
| IATA | |
| Proper shipping name | Not classified as dangerous in the meaning of transport regulations. |
| Hazard class | Not available |
| Subsidiary class | Not available |
| Packing group | Not available |
| Un-no | Not available |

SECTION 15 — REGULATORY INFORMATION

| | |
|---------------------------|--|
| EU regulation | |
| Risk phrases | This product is not classified according to the EU regulation. |
| U.S. Federal Regulations | This product is not regulated by SARA 313 This product does not contain HAPs. |
| HCS Classification | Not-controlled under the HCS (United States) |
| State regulations | |
| California Proposition 65 | This product does not contain chemicals listed under proposition 65 |
| WHMIS (Canada) | Non-controlled |

SECTION 16 — OTHER INFORMATION

This product is sold for research use only. It is not intended for human or animal therapeutic or clinical diagnostic use. It is not intended for food, drug, household or cosmetic use. A technically competent individual must supervise the use of this product. The above product information was acquired by diligent search and/or investigation and the recommendations are based on prudent application of professional judgment. The information is to be used as a guide and shall not be taken as being all inclusive. All materials and mixtures may be present unknown hazards and should be used with caution. Since Invent Biotechnologies Inc. cannot control the actual methods or conditions of use, the company shall not held responsible for any damages or losses resulting from contact with the product described herein. The information in this msds does not constitute a warranty, express or implied, including any implied warranty of merchantability or fitness for any particular purpose.

End of Safety Data Sheet

