

## **Invent Biotechnologies, Inc.**

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## **Material Safety Data Sheet**

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### **SECTION 1 — CHEMICAL PRODUCT AND COMPANY IDENTIFICATION**

<b>Product Name:</b>	<b>Catalog No.</b>
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
Minute™ Chloroplast Isolation kit for Mucilaginous Plants	CF-053
Minute™ Single Nuclei Isolation Kit for Plant Tissues	PS-054

### **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
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#### **SECTION 6 — ACCIDENTAL RELEASE MEASURE**

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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**

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Handling	Wear gloves when handling the products
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Storage	Keep container tightly closed and store at room temperature.
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#### **SECTION 8 — EXPOSURE CONTROL / PERSONAL PROTECTION**

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Engineering measures	Use process enclosure, local exhaust ventilation, or other Engineering controls to keep airborne level recommended limits.
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Hygiene measures	Wash hands after handling the materials.
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Personal protective equipment	
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Skin and body	Lab coat
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Eyes	Safety glasses
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#### **SECTION 9 — PHYSICAL AND CHEMICAL PROPERTIES**

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Physical state	liquid
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Color	Not available
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Molecular Weight	Not available
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Solubility	Not available
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Flash point	Not available
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Explosive properties	Not available
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#### **SECTION 10 — STABILITY AND REACTIVITY**

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Stability	The product is stable
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Conditions to avoid	Not available
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Products of hazardous	
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Decomposition	These products are carbon oxides (CO, CO <sub>2</sub> ), nitrogen oxides etc.
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#### **SECTION 11 — TOXICOLOGICAL INFORMATION**

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RTECS #	N/A
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Local effects	
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Skin irritation	Not available
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Acute toxicity	LD <sub>50</sub> and LC <sub>50</sub> : Not available
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Chronic toxicity	Repeated or prolonged exposure is not known for aggravate medical condition.
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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**

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

## **SECTION 13 — DISPOSAL CONSIDERATIONS**

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Methods of disposal	Waste must be disposed of in accordance with federal, state, and local control regulations.
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## **SECTION 14 — TRANSPORT INFORMATION**

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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**

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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**

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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**

