

## Invent Biotechnologies, Inc.

1864 Berkshire Lane N  
Plymouth, MN USA

## Material Safety Data Sheet

Emergency Phone 952-400-6888  
Fax 952-4006889  
E-Mail info@inventbiotech.com

### SECTION 1 — CHEMICAL PRODUCT AND COMPANY IDENTIFICATION

<b>Product Name:</b>	<b>Catalog No.</b>
Minute™ Total Protein Extraction Kit for Skin Tissue	SA-01-SK
Minute™ Total Protein Extraction Kit for Bone Tissue	SA-02-BT
Minute™ Total Protein Extraction Kit for Blood Vessels	SA-03-BV
Minute™ Total Protein Extraction Kit for Tendons	SA-04-TD
Minute™ Total Protein Extraction Kit for Intestines and Mesentery	SA-05-IM
Minute™ Total Protein Extraction Kit for Muscles	SA-06-MT
Minute™ Total Protein Extraction Kit for Insects	SA-07-IS

### SECTION 2 — COMPOSITION/INFORMATION ON INGREDIENTS

Hazardous/ Non-hazardous  
Non-hazardous

### SECTION 3 — HAZARDS IDENTIFICATION

Physical/chemical	Solutions and/buffers in the kits contain ionic or non-ionic detergent that are not hazardous at the concentration used. The buffer contain sodium and potassium salts that 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, CO<sub>2</sub>), 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**

