

## 1. PRODUCT AND COMPANY IDENTIFICATION

Product name	:	Ginseng Root Botanical Extract
Botanical name	:	Panax Ginseng
INCI name	:	Panax Quinquefolius Root Extract
CAS #	:	90045-38-8
Country of Origin	:	China
EINECS #	:	289-898-5
Product use	:	Domestic and Industrial
Supplier	:	New Directions Aromatics Inc.
Address	:	6781 Columbus Road, Mississauga, Ontario, CANADA L5T 2G9
Fax	:	905-362-1926
Telephone number	:	905-362-1915
Emergency phone number	:	(613)-996-6666 CANUTEC 24 HOUR EMERGENCY

## 2. HAZARDS IDENTIFICATION

### Emergency Overview

### GHS Classification

Serious eye damage/eye irritation - Category 2B

Acute toxicity, oral; acute toxicity, inhalation - Category 4

### GHS Label elements, including precautionary statements

Signal: Warning

### Hazard statement(s)

H302+H332 Harmful if swallowed or if inhaled

H320 Causes eye irritation

### Precautionary statement(s)

P261 Avoid breathing dust/fume/gas/mist/vapours/spray

P305+P351+P338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact

. lenses if present and easy to do - continue rinsing.

P264 Wash skin thoroughly after handling.

P270 Do not eat, drink or smoke when using this product.

P271 Use only outdoors or in a well-ventilated area

P280 Wear protective gloves/protective clothing.

P301+P312 IF SWALLOWED: Call a POISON CENTER or doctor/physician if you feel unwell.

P302+P352	IF ON SKIN: Wash with plenty of soap and water
P322	Specific measures (see supplemental first aid instructions on this label)
P330	Rinse mouth
P363	Wash contaminated clothing before reuse
P501	Dispose of contents/container to an approved waste disposal plant.
P304+P340	IF INHALED: Remove victim to fresh air and keep at rest in a position comfortable for breathing.

### 3. COMPOSITION / INFORMATION INGREDIENTS

Product Name	CAS NO	EC NO	Concentration
Panax Ginseng Extract	-	-	90 %
Ginsenosides	-	-	10 %

### 4. FIRST AID MEASURES

#### Eye contact

Immediately flush eyes with plenty of cool water for at least 15 minutes. Get medical attention if irritation occurs.

#### Skin contact

Remove contaminated clothing. Wash area with soap and water. If irritation occurs, get medical attention.

#### Inhalation

If inhaled, removed to fresh air. Get medical attention if symptoms appear.

#### Ingestion

Seek medical attention or contact local poison control center.

### 5. FIRE FIGHTING MEASURES

#### Suitable extinguishing media

Foam. Dry Powder. Carbon dioxide.

#### Special protective equipment and precautions for fire-fighters

Wear proper protective equipment. Exercise caution when fighting any chemical fire. Use water spray or fog for cooling exposed containers.

### 6. ACCIDENTAL RELEASE MEASURES

#### Personal precautions, protective equipment and emergency procedures.

Equip clean crew with proper protection. Respiratory protection equipment may be necessary.

#### Environmental precautions

Prevent entry to sewers and public waters. Notify authorities if product enters sewers or public waters.

#### Methods and materials for containment and cleaning up

To prevent the formation of dust, avoid dry sweeping, use vacuum or cleaning systems with water spray.

### 7. HANDLING AND STORAGE

#### Precautions for safe handling

Avoid generation and spreading of dust. Wash hands and other exposed areas with mild soap and water before eating, drinking or smoking and when leaving work. Handle in accordance with good industrial hygiene and safety procedures.

#### Conditions for safe storage, including any incompatibilities

Store in a cool and dry location. Spilled material (both wet and dry) may cause slippery conditions. Care

should be exercised when walking on spills.

## 8. EXPOSURE CONTROLS AND PERSONAL PROTECTION

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### Exposure controls

Use exhaust ventilation, if required, to maintain dust concentration.

### Eyes

Use tightly sealed goggles.

### Skin

If skin contact or contamination of clothing is likely, protective clothing should be worn. Use protective gloves.

### Respiratory

In case of insufficient ventilation, wear suitable respiratory equipment.

## 9. PHYSICAL AND CHEMICAL PROPERTIES

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Appearance	:	Fine brownish yellow powder.
Odor	:	Characteristic odor.
Solubility (ies)	:	Good solubility in hydro-alcoholic solution

## 10. STABILITY AND REACTIVITY

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### Reactivity

This material presents no significant reactivity hazard.

### Chemical stability

Chemically stable.

### Possibility of hazardous reactions

Hazardous polymerization will not occur.

### Conditions to avoid

Humidity, sunshine and high temperature.

### Incompatible materials

Acid and alkaline.

### Hazardous decomposition products

Acid, Base

## 11. TOXICOLOGICAL INFORMATION

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### Acute toxicity

Not available.

### Respiratory or skin sensitization

Prolonged exposure to dust can cause respiratory effects.

### Inhalation

May cause mild irritation.

### Skin contact

Adverse skin effects should be prevented by normal care and personal hygiene.

### Eye contact

Eye contact may cause irritation. Possible irritation should be prevented by wearing safety glasses.

## 12. ECOLOGICAL INFORMATION

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**Ecotoxicity**

Avoid any pollution of ground, surface or underground water.

**Persistence and degradability**

Not available.

**Bio - accumulative potential**

Not available.

**Mobility in soil**

Not available.

**Other adverse effects**

Not available.

**13. DISPOSAL CONSIDERATION**

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Dispose of product in accordance with local, state or provincial and federal regulations. Check with local municipal authority to ensure compliance.

**14. TRANSPORT INFORMATION**

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**US DOT Shipping Description (Land)**

Not regulated

**IMO-IMDG Shipping Description (Sea)**

Not regulated

**IATA Shipping Description (Air)**

Not regulated

**15. REGULATORY INFORMATION**

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**GHS Hazard Statements**

See Section 2.

**GHS Precautionary Statements**

See Section 2.

**16. OTHER INFORMATION**

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Revision date : April 21,2022

**Disclaimer & Caution**

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