



## MATERIAL SAFETY DATA SHEET

### 1. PRODUCT AND COMPANY IDENTIFICATION

#### 1.1 Product identifier

Product name : Panax Ginseng Extract

#### 1.2 Relevant identified uses of the substance or mixture and uses advised against

Identified uses : Laboratory chemicals, manufacture of substances.

#### 1.3 Details of the supplier of the safety data sheet

Company: Aurora Industry Co.,Ltd.

Tel: 0411-82288674

Address: Room 7033, No.9-1, Haifu Road, Dalian Free Trade Zone, China

### 2. HAZARDS IDENTIFICATION

#### GHS classification in accordance with the OSHA Hazard Communication Standard (29 CFR 1910.1200)

Not a hazardous substance or mixture.

#### GHS label elements

Not a hazardous substance or mixture.

#### Other hazards

None known.

### 3. COMPOSITION/INFORMATION ON INGREDIENTS

This product is a mixture.

Components

Chemical name	CAS-No.	Concentration (% w/w)
Panax Ginseng	84650-12-4	>= 1 - <= 4
Water	7732-18-5	>= 96 - <= 100

### 4. FIRST AID MEASURES

**General advice** Do not leave the victim unattended.

**If inhaled** If unconscious place in recovery position and seek medical advice.

If symptoms persist, call a physician.

**In case of skin contact** Take off contaminated clothing and shoes immediately.

Wash off with soap and plenty of water.

**In case of eye contact** Remove contact lenses. Protect unharmed eye. If eye irritation persists, consult a specialist.

**If swallowed** Keep respiratory tract clear. Do not give milk or alcoholic beverages.



Never give anything by mouth to an unconscious person. If symptoms persist, call a physician.

**Most important symptoms and effects, both acute and delayed**

Aside from the information found under Description of first aid measures (above) and Indication of immediate medical attention and special treatment needed (below), any additional important symptoms and effects are described in Section 11: Toxicology Information.

## **5. FIREFIGHTING MEASURES**

**Suitable extinguishing media** Use extinguishing measures that are appropriate to local circumstances and the surrounding environment.

**Further information** Standard procedure for chemical fires. Use extinguishing measures that are appropriate to local circumstances and the surrounding environment.

**Special protective equipment for firefighters** Wear self-contained breathing apparatus for firefighting if necessary.

## **6. ACCIDENTAL RELEASE MEASURES**

**Environmental precautions**

If the product contaminates rivers and lakes or drains inform respective authorities.

**Methods and materials for containment and cleaning up**

Wipe up with absorbent material (e.g. cloth, fleece).  
Keep in suitable, closed containers for disposal.

## **7. HANDLING AND STORAGE**

**Advice on protection against fire and explosion**

Normal measures for preventive fire protection.

**Advice on safe handling**

For personal protection see section 8.

Smoking, eating and drinking should be prohibited in the application area.

**Conditions for safe storage**

Electrical installations / working materials must comply with the technological safety standards.

**Materials to avoid**

No materials to be especially mentioned.

Do not store near acids.

**Further information on storage stability**

No decomposition if stored and applied as directed.

## **8. EXPOSURE CONTROLS, PERSONAL PROTECTION**



**Components with workplace control parameters**

Contains no substances with occupational exposure limit values.

**Personal protective equipment**

**Respiratory protection** No personal respiratory protective equipment normally required.

**Hand protection** For prolonged or repeated contact use protective gloves.

**Eye protection** Safety glasses

**Skin and body protection** Protective suit

**Hygiene measures** General industrial hygiene practice.

## **9. PHYSICAL AND CHEMICAL PROPERTIES**

Appearance liquid

Colour colorless to pale yellow

Odour characteristic

pH 4.0 - 4.7

Freezing point 32 °F / 0 °C

Boiling point/boiling range 212 °F / 100 °C

Flash point > 212 °F / > 100 °C  
closed cup

Vapour pressure 17 hPa

Relative density 1.004

Relative density No data available.

Solubility(ies)

Water solubility soluble

Viscosity

Viscosity, kinematic 1 mm<sup>2</sup>/s

NOTE: The physical data presented above are typical values and should not be construed as a specification.

## **10. STABILITY AND REACTIVITY**

**Reactivity** No decomposition if stored and applied as directed.

**Chemical stability** No decomposition if stored and applied as directed.

**Possibility of hazardous reactions**

Stable under recommended storage conditions.

No hazards to be specially mentioned.

**Conditions to avoid** No data available

## **11. TOXICOLOGICAL INFORMATION**

Toxicological information on this product or its components appear in this section when such data is available.



**Acute toxicity**

**Product:**

Acute oral toxicity : Remarks: No data available

Acute inhalation toxicity : Remarks: No data available

Acute dermal toxicity : Remarks: No data available

**Skin corrosion/irritation**

**Product:**

Remarks : No data available

**Serious eye damage/eye irritation**

**Product:**

Remarks : No data available

**Respiratory or skin sensitisation**

**Product:**

Remarks : No data available

**Carcinogenicity**

**IARC**

No component of this product present at levels greater than or equal to 0.1% is identified as probable, possible or confirmed human carcinogen by IARC.

No component of this product present at levels greater than or equal to 0.1% is identified as probable, possible or confirmed human carcinogen by IARC.

**OSHA**

No component of this product present at levels greater than or equal to 0.1% is on OSHA's list of regulated carcinogens.

No component of this product present at levels greater than or equal to 0.1% is on OSHA's list of regulated carcinogens.

**NTP**

No component of this product present at levels greater than or equal to 0.1% is identified as a known or anticipated carcinogen by NTP.

No component of this product present at levels greater than or equal to 0.1% is identified as a known or anticipated carcinogen by NTP.

**Further information**

**Product:**

Remarks : No data available

**12. ECOLOGICAL INFORMATION**

**Ecotoxicity** No data available

**Persistence and degradability** No data available



**Bioaccumulative potential** No data available

**Mobility in soil** No data available

**Other adverse effects**

**Product:**

**Additional ecological information** No data available

## **13. DISPOSAL CONSIDERATIONS**

**Disposal methods**

**Waste from residues**

Offer surplus and non-recyclable solutions to a licensed disposal company.

**Contaminated packaging**

Empty remaining contents.

Empty containers should be taken to an approved waste handling site for recycling or disposal.

## **14. TRANSPORT INFORMATION**

**International Regulations**

**IATA-DGR** Not regulated as a dangerous good

**IMDG-Code** Not regulated as a dangerous good

**Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code**

Not applicable for product as supplied.

**National Regulations**

**49 CFR (DOT) -BULK** Not regulated as a dangerous good

**49 CFR (DOT) – NON BULK** Not regulated as a dangerous good

This information is not intended to convey all specific regulatory or operational requirements/information relating to this product. Transportation classifications may vary by container volume and may be influenced by regional or country variations in regulations. Additional transportation system information can be obtained through an authorized sales or customer service representative. It is the responsibility of the transporting organization to follow all applicable laws, regulations and rules relating to the transportation of the material.

## **15. REGULATORY INFORMATION**

**OSHA Hazards** No OSHA Hazards

**EPCRA - Emergency Planning and Community Right-to-Know Act**

**CERCLA Reportable Quantity**

This material does not contain any components with a CERCLA RQ.

**SARA 304 Extremely Hazardous Substances Reportable Quantity**

This material does not contain any components with a section 304 EHS RQ.

**SARA 302 Extremely Hazardous Substances Threshold Planning Quantity**



This material does not contain any components with a section 302 EHS TPQ.

**SARA 311/312 Hazards** : No SARA Hazards

**SARA 313** : This material does not contain any chemical components with known CAS numbers that exceed the threshold (De Minimis) reporting levels established by SARA Title III, Section 313.

**Clean Water Act**

This product does not contain any Hazardous Substances listed under the U.S. CleanWater Act, Section 311, Table 116.4A.

This product does not contain any Hazardous Chemicals listed under the U.S. CleanWater Act, Section 311, Table 117.3.

This product does not contain any toxic pollutants listed under the U.S. Clean Water Act Section 307

**US State Regulations**

**Massachusetts Right To Know** No components are subject to the Massachusetts Right to Know Act.

**Pennsylvania Right To Know** water 7732-18-5

**Maine Chemicals of High Concern** Product does not contain any listed chemicals

**Vermont Chemicals of High Concern** Product does not contain any listed chemicals

**Washington Chemicals of High Concern** Product does not contain any listed chemicals

**New Jersey Right To Know**

water 7732-18-5

Panax Ginseng 84650-12-4

**California Prop. 65**

This product does not contain any chemicals known to State of California to cause cancer, birth defects, or any other reproductive harm.

**The components of this product are reported in the following inventories:**

United States TSCA Inventory : Not On TSCA Inventory n (Negative listing)

**TSCA list**

No substances are subject to a Significant New Use Rule.

No substances are subject to TSCA 12(b) export notification requirements.

## 16. OTHER INFORMATION

The information above is believed to be accurate and represents the best information currently available to us. However, we make no warranty of merchantability or any other warranty, express or implied, with respect to such information, and we assume no liability resulting from its use. Users should make their own investigations to determine the suitability of the information for their particular purposes. In no event shall AUCO be liable for any claims, losses, or damages of any third party or for lost profits or any special, indirect, incidental, consequential or exemplary damages, howsoever arising, even if AUCO has been advised of the possibility of such damages.