

## Material Safety Data Sheet

### SECTION 1. PRODUCT AND COMPANY IDENTIFICATION

**Product Name** Sodium Phytate  
**INCI Name** Sodium Phytate  
**CAS No.** 14306-25-3  
**Product Form** Crystalline Powder  
**Product Type** Chelating Agent / Cosmetic Raw Material  
**Recommended Use** Cosmetics, personal-care and formulation applications  
**Origin:** USA  
**Supplier:** Botanic Planet Canada Inc.  
**Address:** 2 Bram Crt Unit # 3-4 Brampton, Ontario, Canada  
**Telephone number:** 905-455-4444  
**Emergency phone number** (613)-996-6666 CANUTEC 24 HOUR EMERGENCY

### 2. Hazard Identification

Based on available information, Sodium Phytate is generally considered to present a low hazard under normal conditions of intended handling.

**GHS Signal Word:** Not generally required\*

**GHS Pictogram:** Not generally required\*

The supplied material has a pH of 11.79, according to the batch COA. Because the powder/solutions are alkaline, avoid direct contact with the eyes and prolonged skin contact.

#### Potential Effects:

- Dust may cause mechanical irritation to eyes.
- Dust may irritate the respiratory tract.
- Prolonged contact may cause skin irritation in sensitive individuals.
- Ingestion of large quantities may cause gastrointestinal discomfort.

### 3. Composition / Information on Ingredients

| Ingredient                  | CAS No.    | Concentration |
|-----------------------------|------------|---------------|
| Sodium Phytate              | 14306-25-3 | 77%           |
| Other components / moisture | —          | Balance       |

### 4. First-Aid Measures

**Eye Contact:** Rinse immediately with plenty of clean water for at least 15 minutes. Remove contact lenses if present and easy to do. Continue rinsing. Obtain medical attention if irritation persists.

**Skin Contact:** Wash thoroughly with soap and water. Remove contaminated clothing. Seek medical advice if irritation develops.

**Inhalation:** Move affected person to fresh air. Seek medical attention if coughing, irritation or breathing difficulty persists.

**Ingestion:** Rinse mouth with water. Do not induce vomiting unless directed by medical personnel. Seek medical advice if a significant quantity has been swallowed or symptoms develop.

### 5. Fire-Fighting Measures

**Suitable Extinguishing Media:** Use water spray, dry chemical, carbon dioxide or foam appropriate for the surrounding fire.

**Specific Hazards:** Product is not expected to be highly flammable under normal conditions. Thermal decomposition may generate irritating or potentially hazardous fumes.

**Protective Equipment:** Firefighters should wear appropriate protective equipment and self-contained breathing apparatus when required.

### 6. Accidental Release Measures

Avoid creating airborne dust. Ensure adequate ventilation.

Wear suitable eye protection and gloves.

Carefully sweep or vacuum spilled material and place it into a suitable labeled container.

Avoid unnecessary release of large quantities into drains, soil or waterways.

### 7. Handling and Storage

**Handling:** Avoid breathing dust. Avoid contact with eyes and prolonged contact with skin. Wash hands thoroughly after handling. Maintain good industrial hygiene.

**Storage:** Store in tightly closed, light-resistant containers.

Protect from:

- Direct sunlight

- Moisture
- Excessive heat

Keep in a cool, dry area and retain in the original packaging whenever possible.

Shelf Life: 24 months under recommended storage conditions.

## 8. Exposure Controls / Personal Protection

No specific occupational exposure limit was supplied for Sodium Phytate.

**Engineering Controls:** Provide adequate ventilation and minimize dust generation.

**Eye Protection:** Safety glasses or goggles.

**Hand Protection:** Protective gloves recommended for prolonged handling.

**Skin Protection:** Normal protective work clothing.

**Respiratory Protection:** Normally unnecessary under good ventilation. Use suitable particulate/dust protection where significant airborne dust is generated.

## 9. Physical and Chemical Properties

| Property               | Information                                     |
|------------------------|-------------------------------------------------|
| Physical State         | Solid                                           |
| Appearance             | Crystalline powder                              |
| Colour                 | White to light yellow                           |
| Odor                   | Not established                                 |
| Sodium Phytate Content | 77%                                             |
| pH                     | 11.79                                           |
| Water Solubility       | Soluble / dispersible in water*                 |
| Inorganic Phosphorus   | 0.01%                                           |
| Chloride               | <0.01%                                          |
| Sulphate               | <0.01%                                          |
| Calcium                | <0.01%                                          |
| Lead                   | 0.4 ppm                                         |
| Total Arsenic          | 0.2 ppm                                         |
| Flash Point            | Not applicable to solid under normal conditions |
| Vapor Pressure         | Not applicable                                  |

## 10. Stability and Reactivity

**Stability:** Stable under recommended storage and handling conditions.

**Conditions to Avoid:** Excessive heat, moisture and prolonged exposure to direct sunlight.

**Incompatible Materials:** Strong acids and strong oxidizing agents should be avoided unless compatibility has been established.

**Hazardous Decomposition Products:** Decomposition under fire conditions may produce irritating fumes and oxides of sodium, phosphorus and carbon.

**Hazardous Polymerization:** Not expected.

## 11. Toxicological Information

Detailed toxicological testing data for this specific commercial grade were not provided.

**Eye Contact:** Powder or alkaline solutions may cause irritation.

**Skin Contact:** Prolonged or repeated exposure may cause irritation.

**Inhalation:** Airborne powder may mechanically irritate the nose, throat and respiratory tract.

**Ingestion:** Large quantities may cause gastrointestinal discomfort.

## 12. Ecological Information

Detailed ecological data for this specific grade were not provided.

Avoid uncontrolled discharge of concentrated material into waterways or the environment.

Use and dispose of material according to applicable environmental regulations.

## 13. Disposal Considerations

Dispose of unused material, contaminated absorbents and packaging in accordance with applicable municipal, provincial and federal regulations.

Do not discharge large quantities directly into drains or natural waterways.

## 14. Transport Information

Based on the available product information, Sodium Phytate is not expected to be classified as dangerous goods for routine transportation; however, the manufacturer's current SDS should control the final shipping classification.

| Transport | Status |
|-----------|--------|
|-----------|--------|

|              |                               |
|--------------|-------------------------------|
| TDG (Canada) | Not expected to be regulated* |
|--------------|-------------------------------|

|     |                               |
|-----|-------------------------------|
| DOT | Not expected to be regulated* |
|-----|-------------------------------|

|      |                               |
|------|-------------------------------|
| IATA | Not expected to be regulated* |
|------|-------------------------------|

|      |                               |
|------|-------------------------------|
| IMDG | Not expected to be regulated* |
|------|-------------------------------|

**Transport**      Status  
**UN Number**    Not assigned\*  
**Packing Group** Not applicable\*

## 15. Regulatory Information

The purchaser and formulator are responsible for ensuring that Sodium Phytate and products containing it comply with applicable Canadian WHMIS, cosmetic, workplace, environmental and transportation regulations, as well as requirements in other intended markets.

## 16. Other Information

Product: Sodium Phytate

CAS No.: 14306-25-3



This product is a 100% pure and natural. It does not contain any artificial ingredients or adulteration of any kind to the best of our knowledge and specifications. The analysis and statements herein constitute the most complete information available to Botanic Planet Canada Inc. Please refer to all relevant technical information specific to the product, prior to use. This information contained in this material safety Data sheet is obtained from current and reliable sources. As an ordinary or otherwise user(s) of this product is outside the control of Botanic Planet Canada Inc., no representation or warranty, expressed or implied is made as to the effect(s) of such use (s) (including damages or injury) or any obtained. Botanic Planet Canada Inc. expressly disclaims responsibility as to the ordinary or otherwise uses. Furthermore, Botanic Planet Canada Inc. makes no claims as to the fitness for any use, and you should consider nothing contained herein as a recommendation. The Liability of botanic Planet Canada Inc. is limited to the value of the goods and does not include any consequential loss. In the event of any dispute, the Customer hereby agrees that Jurisdiction is limited to the province of Ontario Canada.

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