

## Raw Material Sap Sodium Ascorbyl Phosphate Powder Skin Whitening CAS 66170-10-3

Our Product Introduction

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### Basic Information

- Place of Origin: China
- Brand Name: Firsky
- Model Number: FS-66170-10-3
- Minimum Order Quantity: 1KG
- Packaging Details: 1kg, 5kg, 15kg, 20kg, 25kg can be packed in different specifications. Packaging can be customized according to customer requirements. Aluminium foil bag and carton.
- Delivery Time: 7-15days
- Payment Terms: T/T, Western Union, MoneyGram
- Supply Ability: 2000T



### Product Specification

- Product Name: Sodium L-ascorbyl-2-phosphate
- CAS NO: 66170-10-3
- Purity: 99%
- Shelf Life: 2 Years



**Product Description****Specifications:**

|                  |                                                                                                                                                                                                                                                                                                                                                                                                     |
|------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Product Name:    | Sodium L-ascorbyl-2-phosphate                                                                                                                                                                                                                                                                                                                                                                       |
| Synonyms:        | L-Ascorbic acid 2-phosphate trisodium salt, Sodium L-ascorbyl-2-phosphate; Sodium L-ascorbyl-2-; Sodium (R)-5-((S)-1,2-dihydroxyethyl)-4-hydroxy-2-oxo-2,5-dihydrofuran-3-yl phosphate; L-Ascorbic acid, 2-(dihydrogen phosphate), sodium salt (1:3); L-Ascorbic-2-Phosphate; 2-PHOSPHO-L-ASCORBIC ACID TRISODIUM; 2-(Dihydrogen phosphate)-L-ascorbic acid sodium salt; Vitamin C sodium phosphate |
| CAS:             | 66170-10-3                                                                                                                                                                                                                                                                                                                                                                                          |
| MF:              | C <sub>6</sub> H <sub>9</sub> O <sub>9</sub> P <sub>3</sub> Na                                                                                                                                                                                                                                                                                                                                      |
| MW:              | 325.07                                                                                                                                                                                                                                                                                                                                                                                              |
| EINECS:          | 425-180-1                                                                                                                                                                                                                                                                                                                                                                                           |
| Melting point    | 260 °C                                                                                                                                                                                                                                                                                                                                                                                              |
| density          | 1.94[at 20 ]                                                                                                                                                                                                                                                                                                                                                                                        |
| storage temp.    | Inert atmosphere, Room Temperature                                                                                                                                                                                                                                                                                                                                                                  |
| solubility       | Acidic DMSO (Slightly), Water (Slightly)                                                                                                                                                                                                                                                                                                                                                            |
| form             | Solid                                                                                                                                                                                                                                                                                                                                                                                               |
| color            | White to Off-White                                                                                                                                                                                                                                                                                                                                                                                  |
| Odor             | at 100.00?%. bland                                                                                                                                                                                                                                                                                                                                                                                  |
| PH               | 9.0-9.5 (25 , 30g/L in H <sub>2</sub> O)                                                                                                                                                                                                                                                                                                                                                            |
| Water Solubility | 789g/L at 20                                                                                                                                                                                                                                                                                                                                                                                        |
| Stability:       | Hygroscopic                                                                                                                                                                                                                                                                                                                                                                                         |

**Description:**

Sodium L-ascorbic acid-2-phosphate, CAS 66170-10-3, is a derivative of ascorbic acid (vitamin C) and sodium phosphate. This stable white powder is a key ingredient in a variety of applications due to its unique biological properties.

Derived from natural sources, sodium L-ascorbic acid-2-phosphate is a stable white powder that is soluble in water. It is a source of vitamin C and sodium, providing the body with essential nutrients essential for maintaining healthy skin, bones and overall health. This ingredient has been shown to have powerful antioxidant and anti-inflammatory properties, effectively combating damage caused by free radicals and reducing inflammation.

An important application of sodium L-ascorbic acid-2-phosphate is in cosmetics, especially in creams, lotions and masks. It is a key ingredient in many anti-aging products because of its ability to improve skin tone, texture and elasticity. Sodium L-ascorbic acid-2-phosphate can also be used as a sunscreen to protect the skin from UV rays. Additionally, it has been shown to have wound-healing properties, making it a beneficial ingredient for accelerating healing of cuts and bruises.

In the nutraceutical industry, sodium L-ascorbic acid-2-phosphate is marketed as a supplement to support cardiovascular health and overall well-being. It has been shown to lower cholesterol levels and lower blood pressure, thereby reducing the risk of heart disease and stroke. Sodium L-ascorbic acid-2-phosphate also plays a vital role in maintaining bone health by promoting bone growth and density, reducing the risk of osteoporosis. In addition, it can help enhance the absorption of iron from food, which is beneficial for patients with iron deficiency anemia.

**Application:**

CAS 66170-10-3 corresponds to a compound called sodium L-ascorbic acid-2-phosphate (SAP). It is a derivative of vitamin C, also known as ascorbic acid. SAP has several applications, mainly in the cosmetics and skincare industry. Here are some noteworthy applications of sodium L-ascorbic acid-2-phosphate:

1. Skin care products: SAP is commonly used in skin care products due to its antioxidant and skin-brightening properties. As a vitamin C derivative, it helps protect the skin from oxidative damage caused by free radicals and UV radiation. It also inhibits the production of melanin, the pigment that determines skin tone, helping to reduce hyperpigmentation and even out skin tone.
2. Anti-aging products: SAP is often included in anti-aging skin care formulas because of its ability to stimulate collagen synthesis. Collagen is a protein that helps maintain skin elasticity and firmness. By boosting collagen production, SAP can help reduce the appearance of wrinkles and fine lines for a more youthful appearance.
3. Skin lightening products: Similar to other vitamin C derivatives, SAP has skin lightening properties. It can help fade dark spots, age spots, and other forms of pigmentation for a more even skin tone. It is often used in products designed to address hyperpigmentation and promote brightening of the skin.
4. Stability and formulation: Compared to other vitamin C derivatives, SAP is known for its stability. It is resistant to oxidation and degradation, which allows it to maintain its effectiveness longer. This stability makes SAP the first choice for cosmetic formulators who want to add vitamin C to their products while ensuring shelf life and product performance.
5. Hair Care Products: SAP is also used in hair care products such as shampoos, conditioners and serums. It is thought to have benefits for hair health and appearance, including promoting hair growth, increasing hair thickness and reducing oxidative stress on the scalp.

**Advantage:**

1. Firsky (Wuhan) continues to make efforts to steadily offer clients high-quality items. We have put in place a reliable internal quality management system and are always working to increase quality, decrease deviation, and eliminate waste.

2. If you have any questions, don't hesitate to ask them; we'll get back to you within 48 hours.

3. After getting the items, if you have any questions, don't hesitate to get in touch with us. We promise to compensate you in full if we were the source of the loss.

## **FAQ:**

### **How do I make a purchase?**

We advise that you speak with our customer support personnel before placing an order because the market price of chemical raw materials fluctuates often.

1. Please let me know which products you require and how many of each you need.
2. We will provide you with the best pricing right away, including delivery charges.
3. If the price seems reasonable to you, you can select a payment option to complete the transaction.
4. After we confirm your payment, your shipment will be wrapped and dispatched within 24 hours.
5. Two days after the package is sent out, a tracking number and packing photo will be provided.
6. We wish you a wonderful shopping experience and encourage you to get in touch with us if there are any problems.

### **Which delivery alternatives are available?**

All Fushikai orders are shipped from Japan using FEDEX, UPS, DHL, Airmail, Surface Mail, EMS (Japan Post), and Economical Air (SAL). Depending on the various nations, we will select the best choice. Once payment has been received, the approximate delivery time is 5-7 working days.

### **How are your products verified?**

We use our own quality control team to inspect each batch of products. Only at least 98% of pharmaceutical raw materials are used in the synthesis process, rather than cheap sources that are replicated using discarded chemical ingredients. Multiple tests are conducted using cutting-edge equipment to ensure perfect accuracy in determining the potency, purity and quality of ingredients and finished products.

### **Does a discount apply to large orders?**

After your order reaches a particular value, there is a large discount. Several seasonal sales and promotions are available from us.

### **What forms of payment do you accept?**

We accept payments with Western Union, Bitcoin, e-transfers, bank transfers, MoneyGram, and Alipay in addition to all other forms of cryptocurrency.

### **Do you deliver to parcel lockers at PO boxes?**

YES, we could deliver to parcel lockers at PO boxes!

### **Can I get a tracking number from you?**

We will provide you the tracking number and some images of the items you ordered as soon as the shipment is planned. For the most up-to-date tracking updates, please go to our preferred site.



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