

1,3-Butanediol CAS 107-88-0 versatile compound with a wide range of applications

Basic Information

- Place of Origin: China
- Brand Name: Firsky
- Model Number: FS-CAS 107-88-0
- 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: 7-15 days
- Payment Terms: T/T, Western Union, MoneyGram
- Supply Ability: 2000T



Product Specification

- Shelf Life: 2 Years
- Product Name: 1,3-Butanediol
- CAS NO: 107-88-0
- Purity: 99%



Product Description

Product Description

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| Product Name: | 1,3-Butanediol |
| Synonyms: | (±)-butane-1,3-diol; 1,3-Butandiol; Methyltrimethylene; Methyltrimethylene glycol; methyltrimethyleneglycol; 1-METHYLTRIMETHYLENE GLYCOL; 1,3-DIHYDROXYBUTANE; (+/-)-1,3-BUTANEDIOL |
| CAS: | 107-88-0 |
| MF: | C ₄ H ₁₀ O ₂ |
| MW: | 90.12 |
| EINECS: | 203-529-7 |
| Melting point | -54 °C |
| Boiling point | 203-204 °C(lit.) |
| density | 1.005 g/mL at 25 °C(lit.) |
| storage temp. | Store below +30°C. |
| Color | Colorless liquid |

Description

Discover the exceptional versatility and applications of our premium-grade compound, 1,3-Butanediol (CAS 107-88-0). With its wide range of uses across various industries, our 1,3-Butanediol product stands at the forefront of innovation and reliability.

In industrial applications, 1,3-Butanediol serves as a vital chemical intermediate, playing a key role in the synthesis of polymers, plastics, and fibers. As a building block, it enables the creation of high-performance materials such as polybutylene terephthalate (PBT) and polyurethanes, ensuring superior quality and durability. As a solvent of choice in the coating, paint, and ink industries, 1,3-Butanediol demonstrates its exceptional dissolving power and stability-enhancing properties. By improving the solubility and consistency of various substances, it facilitates the formulation of high-quality coatings and paints, leading to outstanding results and customer satisfaction.

In the realm of personal care and cosmetics, 1,3-Butanediol plays a crucial role as a versatile ingredient. Its remarkable humectant and moisturizing properties make it an ideal choice for skincare products, hair care formulations, and cosmetics. By retaining moisture and enhancing hydration, it helps nourish and revitalize the skin and hair, promoting a healthy and vibrant appearance.

Within the pharmaceutical industry, 1,3-Butanediol finds application as a reliable solvent, excipient, and component in drug delivery systems. Its versatile nature makes it a valuable ingredient in various pharmaceutical formulations, contributing to the development of effective and safe medicines.

Moreover, 1,3-Butanediol can be used as a flavoring agent and food additive in the food and beverage industry. Its inclusion enhances the taste and aroma profiles of food and beverage products, elevating the sensory experience for consumers.

In research laboratories, 1,3-Butanediol serves as a valuable tool for scientific investigations. Its properties as a solvent, reagent, and precursor make it an essential component in chemical synthesis, biochemical studies, and other research endeavors.

Application

1,3-Butanediol (CAS 107-88-0) is a versatile compound with a wide range of applications. Here are some common usages of 1,3-Butanediol:

Industrial Applications: 1,3-Butanediol is widely used as a chemical intermediate in various industrial processes. It serves as a building block for the synthesis of polymers, plastics, and fibers, such as polybutylene terephthalate (PBT) and polyurethanes.

Solvent and Coating Industry: 1,3-Butanediol finds application as a solvent in various industries, including coatings, paints, and inks. It can dissolve a wide range of substances and is often used to enhance the solubility and stability of certain chemicals.

Personal Care and Cosmetics: 1,3-Butanediol is utilized in the formulation of personal care and cosmetic products. It acts as a humectant and moisturizer, helping to retain moisture and improve the hydration of the skin. It can be found in skincare products, hair care products, and cosmetics.

Pharmaceutical Industry: 1,3-Butanediol may be employed in the pharmaceutical industry as a solvent, excipient, or as a component in drug delivery systems. Its properties make it useful in various pharmaceutical formulations and drug development processes.

Food and Beverage Industry: 1,3-Butanediol can be used as a flavoring agent and food additive. It may contribute to the taste and aroma profiles of certain food and beverage products, enhancing their overall sensory experience.

Research and Laboratory Studies: 1,3-Butanediol is utilized in research laboratories for various purposes. It can serve as a solvent, reagent, or precursor in chemical synthesis, biochemical studies, and other scientific investigations.

It's important to note that specific usages, concentrations, and regulatory guidelines may vary depending on the industry and application. It is advisable to consult with industry experts, regulatory authorities, and relevant scientific literature for precise recommendations and guidelines based on your specific requirements.

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.



Firsky International Trade (Wuhan) Co., Ltd



+86 15387054039



admin@firsky-cn.com



firskytech.com

No. 7, Xujiadai, Xin'andu Office, East-West Lake District, Wuhan, China