



安徽艾约塔硅油有限公司

Iota Silicone Oil(Anhui) Co.,Ltd.

安徽省蚌埠市高新区兴中路 985 号日月
科技园

Sunmoon industry park, 985 Xingzhong Road, Bengbu,
China 233000

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Antifoaming agent xpj-1100 for fermentation industry

1. Active ingredients

Modified dimethylsilicone oil, silica, special emulsifier and stabilizer

2. Physical characteristics

Light yellow to colorless transparent viscous liquid

Acid value $\leq 0.5\text{mgkoh/g}$

Viscosity 100-100000

3. Product introduction

This product is an oil-like liquid which is chelated by dimethylsilicone oil and silica under catalysis. It is mainly designed for defoamer in fermentation industry and pharmaceutical industry. It is suitable for defoaming and defoaming at high temperature.

This product has made many important improvements according to the practice. It is a very mature and competitive product, which can save (10-20)% of the usage compared with the general polyether defoamer. It is mainly used in defoaming of terramycin, penicillin, tetracycline, streptomycin, lincomycin, erythromycin, rifampicin, avermectin, lysine, yeast and other fermentation processes. It can also be used in synthetic fiber Oil agent, emulsifier, low foam cleaning agent and other industries.

4. Usage

When used in fermentation, it can be mixed with the base material or consumed in the tank, and the general usage is about (1-5) ‰.

5. packaging

Our company adopts 25kg, 50kg, 200kg plastic buckets and 200kg inner coated iron buckets for packaging.

6. Storage and transportation

It is suitable for room temperature storage, not near the heat source, not exposed to the sun, not adding acid, alkali, salt and other substances in the defoamer. It can't be stored for a long time after being diluted with water and won't be layered within one year of storage. If there is layered demulsification beyond this period, it can be stirred evenly before use without affecting the use effect and transported as non dangerous goods.

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7. Use safety

Before using the product in batches, the customer shall carefully read the product manual and conduct necessary defoaming test to ensure the safety of use. If you have any questions about the products, please contact us and our company will serve you wholeheartedly.

This material is based on our current knowledge and experience. Therefore, this material shall not be used to replace any test required by you when you use our products on a large scale or in a batch to fully meet your characteristics. For the loss caused by the product does not meet the sales quality index, the company only undertakes to return the payment or replace the product. Our suggestions for application or use are for reference only.