

Technical Data Sheet

Agricultural biological glycolipid 惠丽德® ABG-SJ 4620

30.11.2023

Product Description

Agricultural biological glycolipid (ABG-SJ) is produced by yeast fermentation using vegetable oil and sugar through a fermentation process. The fermentation liquid is added with a carrier and then spray-dried.

Typical Properties

<i>Property</i>	<i>Value</i>	<i>Unit</i>	<i>Method</i>
<i>Appearance</i>	White to yellow powder	-	Q/DGBIO 4-2023
<i>pH(10% aqueous solution)</i>	7.0-10.0	-	
<i>Solubility</i>	Soluble (Suspension or a small amount of precipitation)	-	
<i>Glycolipid content</i>	200±20	g/kg	
<i>Moisture content</i>	≤8	%	

Applications

Biological glycolipids used in agriculture have the functions of reducing surface tension, emulsifying, wetting, chelating, permeating, and promoting absorption. It can be used as agricultural fertilizer additives, pesticide additives, agricultural soil remediation additives, etc.

Instruction for use

<i>Cautions</i>	pH: Do not use with strong acid and strong bases, especially when pH<3 or pH>10. Recommended pH: 6.0-8.0. Temperature: The product has been tested to maintain stable structure and performance at a maximum of 150°C.
<i>Dissolvability</i>	It can be diluted with water to dissolve or reconstituted in water-soluble formulations.
<i>Bacteriostatic and antiseptic</i>	It is recommended to use the product as soon as possible after opening the package. If it is not used up, it should be sealed and packaged immediately and stored in a cool, dry and ventilated warehouse. Products that have been opened, changed packaging, or stored improperly may shorten guarantee period, please use them as soon as

	<p>possible.</p> <p>If preservative treatment is required in the formulation system of this product, or your industry has requirements on hygiene indicators. Preservatives can be added or sterilization methods such as high temperature and radiation can be used during the use of this product. Before use, it is recommended to do compatibility test and anti-corrosion challenge test.</p>
Packaging	Plastic drums with a net weight of 25kg, recyclable IBC ton drums.
Storage	<p>Sealed storage in a cool warehouse, it can be stored for two years from the date of manufacture. Under the conditions of large temperature difference between day and night, phase separation may occur during the storage process, which will not affect the performance of the product. Please shake well before use.</p>
Transportation	Transport as non-dangerous goods, avoid exposure to sunlight during transportation.

For more information, please contact us.

Statement

The descriptions of technology specifications, product performance and precautions contained in this document are based on our current knowledge and experience. The data are obtained by professional technicians under qualified test conditions. Due to equipment, environment, personnel and other reasons, the actual test conclusion may have errors. We reserve the right to make any changes to the above based on technological advances.