

Technical Data Sheet

Agricultural biological glycolipid 淑丽德™ ABG-P 4220

29.06.2022

Product Description

Agricultural biological glycolipid (ABG-P) is obtained by fermenting vegetable oil by bacteria through fermentation process, and the fermentation broth is obtained by filtering, adding a carrier and then spray-drying.

Typical Properties

| <i>Property</i> | <i>Value</i> | <i>Unit</i> | <i>Method</i> |
|---------------------------------|------------------------|-------------|----------------|
| <i>Appearance</i> | White to yellow powder | - | Q/DGBIO 4-2022 |
| <i>pH(10% aqueous solution)</i> | 7.0-9.0 | - | |
| <i>Solubility</i> | Soluble | - | |
| <i>Glycolipid content</i> | 200±20 | g/kg | |
| <i>Containing water</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

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| Cautions | <p>pH: Do not use with strong acid and strong bases, especially when pH<4 or pH>10.</p> <p>Recommended pH: 6.0-8.0.</p> <p>Temperature: The product has been tested to maintain stable structure and performance at a maximum of 150°C.</p> |
| Dissolvability | <p>It can be diluted with water to dissolve or reconstituted in water-soluble formulations.</p> |
| Bacteriostatic and antiseptic | <p>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.</p> <p>Products that have been opened, changed packaging, or stored improperly may shorten guarantee period, please use them as soon as possible.</p> |

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|-----------------------|---|
| | <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 | Packed in a moisture-proof bag with a net weight of 20kg. |
| Storage | Sealed storage in a cool warehouse, it can be stored for two years from the date of manufacture. After the product is dissolved, impurities may precipitate, which will not affect the performance of the product. Please shake well before use. |
| 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.