

Technical Data Sheet

Bioglycolipids DGBIO™ SLLP 3250

30.11.2023

Product Description

Yeast fermentation product extract, the main component is sophorolipid, and the main structure is lactone-type sophorolipid. Which is made from vegetable oil and sugar through fermentation process.

Typical Properties

<i>Property</i>	<i>Value</i>	<i>Unit</i>	<i>Method</i>
Appearance	Light yellow to brown liquid	-	Q/DGBIO 3-2023
Solid Content	45-55	%	
pH(10% aqueous solution)	3.5-7.0	-	
Water Solubility	Soluble	-	

<i>Property</i>	<i>Value</i>	<i>Unit</i>	<i>Method</i>
Total Number of Colonies	≤500	FU/g	Q/DGBIO 3-2023
Total Mold and Yeast	≤100	FU/g	
Heat-resistant Coliforms	Not detectable	/g	
Staphylococcus Aureus	Not detectable	/g	
Pseudomonas Aeruginosa	Not detectable	/g	

Applications

It has the functions of reducing surface tension, emulsifying, wetting and cleaning. It can be used in civil cleaning, home care, cosmetics and other related fields. The product is low foam type.

Instruction for use

Cautions	<p>pH: Do not use with strong acid or strong bases, especially when pH<3 or pH>10.</p> <p>Temperature: The product has been tested to maintain stable structure and performance at a maximum of 150°C, and the fluidity becomes poor</p>
-----------------	--

	<p>at <0°C. Recommended temperature: 10-80°C.</p>
Dissolvability	<p>It can be diluted and dissolved in most organic solvents such as alcohols and esters.</p>
Bacteriostatic and antiseptic	<p>Although the products have antibacterial properties, it is still recommended to use it as soon as possible after the package is opened. If not used, it should be sealed immediately and stored in a cool, dry and ventilated warehouse, and can be refrigerated if necessary (do not freeze).</p> <p>Products that have been opened, changed packaging, or stored improperly may shorten guarantee period, please use them as soon as 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	<p>Plastic drums with a net weight of 25kg, recyclable IBC ton drums.</p>
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	<p>Transport as non-dangerous goods, avoid exposure to sunlight during transportation.</p>

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.