

SiSiB[®] ASS8309

Agricultural Silicone Surfactant

COMPONENT

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INTRODUCTION

SiSiB[®] ASS8309 is a low viscosity nonionic silicone polyether surfactant. It is developed to improve the spreading, wetting and penetration of agricultural chemicals, especially water-soluble broadleaf herbicides and insecticides, fungicides and plant growth regulators. SiSiB[®] ASS8309 can make the pesticide absorbed through the stomata of leaves, which is extremely effective for improving efficacy, reducing amount of pesticide, saving cost, reducing environmental pollution caused by pesticides.

TYPICAL PHYSICAL PROPERTIES

CAS No.	125997-17-3
Color and Appearance	Clear, amber-colored fluid
Cloud Point (0.1 wt%)	3°C
Flash Point	>100°C
Freezing Point	<0°C
Surface Tension (0.1%)	<20.5 mN/m
HLB	12
Viscosity(25°C)	15-40 cSt
Active Content	100%
Solids	100%

APPLICATIONS

SiSiB[®] ASS8309 could be used as a tank-mix adjuvant for foliar-applied chemicals, or as a formulation ingredient in pesticide products.

Use Method:

- 1) As an Agricultural Chemical Tank-Mix Adjuvant

SiSiB[®] ASS8309 may be added to tank-mixes to enhance the biological performance of the spray solution. With herbicides, SiSiB[®] ASS8309 should be added 50g into 200kg

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spray solution(4000-times diluent), generally.

Application	Typical Use Rate
Plant Growth Regulators	0.025-0.05%
Herbicide	0.025-0.15%
Insecticide	0.025-0.1%
Fungicide	0.015-0.05%
Fertilizers and trace elements	0.015-0.1%

2) In Agricultural Chemical Formulations

SiSiB[®] ASS8309 may be used as an ingredient of 0.5-8% in formulations, provided all the ingredients are compatible. It is stable in neutral aqueous formulations (pH=7), but will degrade rapidly in acidic or alkaline formulations. New product formulations should be thoroughly tested for performance and shelf stability before taking to market.

PACKING AND STORAGE

SiSiB[®] ASS8309 is supplied in 200Kg drum or 1000Kg IBC tote.

In the unopened original container SiSiB[®] ASS8309 has a shelf life of three years in a dry and cool place.

NOTES

All information in the leaflet is based on our present knowledge and experience. We reserve the right to make any changes according to technological progress or further developments. Performance of the product described herein should be verified by testing.

We specifically disclaim any other express or implied warranty of fitness for a particular purpose or merchantability. We disclaim liability for any incidental or consequential damages.

Please send all technical questions concerning quality and product safety to: support@SiSiB.com.