

## SiSiB<sup>®</sup> ASS8025 Superspreader for Agricultural Applications

### COMPONENT

Polyether-modified trisiloxane surfactant

### INTRODUCTION

SiSiB<sup>®</sup> ASS8025 spray adjuvant is a non-ionic polyether-modified trisiloxane silicone surfactant. It dramatically lowers surface tension, accelerates spreading and coverage of aqueous solutions, enhances stomatal penetration, and improves rainfastness. This results in reduced pesticide waste and minimized environmental impact due to superior adhesion and spreading.

### FEATURES & BENEFITS

- Excellent spreading and penetration
- Superior wetting and coverage
- Strong adhesion and rainfastness
- Reduces pesticide runoff and environmental load
- Promotes absorption and translocation in plants

### PHYSICAL PROPERTIES

CAS No.	67674-67-3
Color and Appearance	Colorless to light amber liquid
Surface Tension (0.1%, mN/m))	<20.5
Viscosity (25°C, cSt)	40-50
Cloud Point (0.1 wt%)	<10°C

### APPLICATIONS

SiSiB<sup>®</sup> ASS8025 is ideal for both in-formula use and tank-mix additions in a wide range of crop protection solutions. It is particularly effective in herbicides for enhancing spreading and penetration on waxy surfaces, in insecticides and fungicides to improve coverage and uptake, and in foliar-applied nutrients and PGRs for optimal delivery through leaf stomata.

### USAGE GUIDELINES

#### In Pesticide Formulations:

Dilute SiSiB<sup>®</sup> ASS8025 at a ratio of 1:1000 to 1:4000, depending on the specific pesticide and formulation. Optimize dosage through preliminary compatibility and efficacy testing.

#### In Tank-Mix Spraying:

- Conduct a small-scale compatibility test before use.
- Prepare the spray solution with all other components first.

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- Slowly add SiSiB® ASS8025 to the mixture while stirring.
- Mix thoroughly to ensure uniform dispersion.
- For optimal performance, reduce water volume to  $\frac{1}{2}$ – $\frac{2}{3}$  of the standard amount, use fine spray nozzles, and increase spray speed.
- In sensitive applications (e.g., post-emergence herbicide treatments or early fruit stages), further dilute as needed.

### PACKING

SiSiB® ASS8025 is supplied in 200Kg barrel or 1000Kg IBC tote.

### HANDLING

This document does not contain the product safety information required for safe use. Before handling, please refer to the product and safety data sheets, as well as container labels, for information on safe usage, physical hazards, and health risks. Safety Data Sheet is available on the website, from the distributor, or by contacting SiSiB customer service.

### STORAGE

In the unopened original container SiSiB® ASS8025 has a shelf life of two years in a dry and cool place.

### NOTE

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.

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