

SiSiB[®] ASS8560

Agricultural Silicone Surfactant

COMPONENT

1,1,1,3,5,5,5-heptamethyl-3-octyltrisiloxane

INTRODUCTION

SiSiB[®] ASS8560 is an alkyl modified trisiloxane that may provide spreading properties to agricultural oils. It can improve the coverage of oils on foliar surfaces and increases the efficient of oil based pesticide formulations.

SiSiB[®] ASS8560 is insoluble in water, glycerin, propylene glycol, butylene glycol, but the alkyl modification makes this product compatible with most organic oils, such as vegetable oils, mineral oil, Ethanol, isopropanol, soybean oil, methylsoyate, fatty alcohols/acids, esters, glycerides, hydrocarbons.

FEATURES

- ☐ Superior spreader for many oil based Ag formulations
- ☐ Oil compatible
- ☐ Lowers the surface tension of oils for better surface coverage/ penetration
- ☐ Low pour point

TYPICAL PHYSICAL PROPERTIES

CAS No.	17955-88-3
Color and Appearance	Colorless to light yellow clear liquid
Pour Point	-70°C
Flash Point	110°C
Viscosity(25°C)	3 cSt
Refractive index	1.41-1.42
Specific gravity	0.84

APPLICATIONS

Recommended use levels are between 3 - 10%, based on the oil content of the “in-can” formulation. Such use levels deliver between 0.03% - 0.1% of SiSiB[®] ASS8560 in the

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spray tank application. For example, if a mineral oil contains 5% SiSiB[®] ASS8560, and is applied at 1%, this will deliver 0.05% SiSiB[®] ASS8560 to the spray tank.

Addition of 5% SiSiB[®] ASS8560 to either mineral oil or methylsoyate may significantly increase the spread area relative to these oils alone. This increase in spreading properties can be quite significant since it enables better coverage and effective delivery of many oil based pesticide formulations using lower spray application volumes.

PACKING AND STORAGE

SiSiB[®] ASS8560 is supplied in 200Kg, 50Kg, or 25Kg Plastic barrel, or up to clients' request.

In the unopened original container SiSiB[®] ASS8560 has a shelf life of two years in a dry and cool place, avoiding exposing to the sun.

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.

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