

BLUESIL SP 3309 A2

Description

BLUESIL SP 3309 A2 is a highly effective superspreading trisiloxane adjuvant for addition to spray formulations of agrochemicals.

BLUESIL SP 3309 A2 can significantly reduce the surface tension of spray formulations to < 22 mN/m (the lower limit for conventional non-silicone adjuvants is ~30mN/m). This reduction is dynamically rapid, maximising the adhesion of spray droplets when they impact on leaf surfaces.

BLUESIL SP3309 A2 has been extensively optimised to improve efficiency even when applied to the most waxy, hard-to wet leaf surfaces. The spray droplets completely wet the target crop or weed, wrapping onto unsprayed surfaces to deliver insecticides and fungicides to where the pests and diseases may be concealed.

The superspreading capability of **BLUESIL SP3309 A2** provides exemplary spray coverage enabling the volume of spray to be reduced without loss of performance.

This reduction:

- Limits water usage
- Increases coverage area per tankful allowing for faster application speed (reduced refill)
- Enables lighter loads (less water) for micro-farmers using back-pack sprayers.

BLUESIL SP 3309 A2 is nonionic, making it compatible with all spray mixes.

Examples of applications

Tank-mix adjuvant used with agrochemicals as super spreading agent.
In-can formulation when the formulation is buffered to a neutral pH

Key benefits

- Outstanding superspreader for agrochemical spray formulations
- Enhances adhesion of spray on leaves
- Improves spray coverage
- Provides rainfastening via stomatal infiltration
- Reduces spray water volumes

Typical properties

AppearanceClear to amber fluid
Viscosity, at 25°C, mm²/s, approx. 40
Surface tension (0.1%) , mN/m, approx 21

Please note: The typical properties are not intended for use in preparing specifications. Please contact our local Sales Department for assistance in writing specifications.

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Instruction of use

BLUESIL SP 3309 A2 is readily dispersed into water and should be added to the spray tank when almost full, without excessive agitation, to minimise foaming.

BLUESIL SP 3309 A2 is susceptible to hydrolysis under acidic or basic conditions. Ideally spray formulations should be buffered to as close to neutral (pH 7.0) as possible. Sprays should be applied directly after mixing, not left to stand e.g., overnight.

High spray volumes are unnecessary to achieve good spray coverage when using **BLUESIL SP 3309 A2** and should be avoided to prevent runoff resulting from the combination of volume and spreading.

BLUESIL SP 3309 A2 is typically used at concentrations in the spray tank of 0.025%-0.1%. A concentration of 0.2% or higher will be required to provide rainfastening via stomatal infiltration.

Please consult your local ELKEM SILICONES sales office.

Regulation

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Limitations	Please consult your local ELKEM SILICONES sales office.
Packaging	<ul style="list-style-type: none">• BLUESIL SP 3309 A2 is available in<ul style="list-style-type: none">○ Drum of 190 KG (418.95 LB)
Storage and shelf life	When stored in its original packaging: BLUESIL SP 3309 A2 may be stored at temperatures between 5°C / 41°F and 30°C / 86°F for up to 12 months from its date of manufacturing. Comply with the storage instructions and expiration date marked on the packaging. Beyond this date, Elkem Silicones no longer guarantees that the product meets the sales specifications.
Safety	Please consult the Safety Data Sheet of: BLUESIL SP 3309 A2

Visit our website www.elkem.com/silicones/

Warning to the users

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