

Product Specification

SILONE (Spray Adjuvant)

AD 001

Chemical Name : 3-(Polyoxyethylene) propyl hepta methyl trisiloxane

CAS No. : 67674-67-3

Silone is low molecular non ionic Silicon polyether Adjuvant Surfactant. The most important member is polydimethylsiloxane. It improves the wetting, spreading. Silone is widely used in Agriculture industry to enhance the performance of agriculture chemicals. It may be used as formulation ingredient in pesticide products, or as tank-mix adjuvant for foliar applied chemicals.

APPLICATION:

To enhance the performance of agricultural chemicals, especially water soluble broad leaf-herbicides, insecticides, fungicides and plant growth regulators.

Uses as an Adjuvant refers to the use of this product as an additive to a Pesticide for the purpose of enhancing the pesticide's effectiveness for wetting more of the leaf surface and thereby providing rain fastness, *i.e.* herbicides are not washed off by rainfall because they have penetrated into the plant surface.

FEATURES:

- Stable neutral pH 7.0 and improve the Biological performance.
- Acts as a good emulsifier, compatible with all aqueous, alcoholic or solvent base products.
- Lower surface tension
- Good Wetting and Spreading Agent
- Easily soluble in water, alcohol and hydro alcoholic system.
- Excellent foam builder
- It is Non-ionic
- Super Spreading, wetting & penetration surfactant
- Penetration of Pesticides, Herbicides, Insecticides, Fungicides and Plant Growth Regulators, Liquid Bio-fertilizer, Bio Pesticides and it improve the uptake into Plant Tissues and significantly enhance its efficacy specially incase of herbicides.

STANDARD SPECIFICATION:

SL. NO.	PRODUCT PARAMETERS	SPECIFICATION
1.	Appearance	Clear amber color fluid
2.	Viscosity at 25°C	40 CST
3.	Flash Point	>101°C
4.	Solid Content %	100%
5.	pH	7.0
6.	Surface Tension (0.1% mN/m)	21.5
6.	Density	1.02

USES:

It is very economical dosage 3-5ml per 15 Ltr. Tankes
 It is improve the biological performance of spray solution.



PEPTECH BIOSCIENCES LIMITED

 (Titan Biotech Ltd. Group)

G-1, 636, RIICO Industrial Area, Chopanki, Bhiwadi-301019 (Raj.)
CIN : U33110RJ2011PLC037007 | E-mail : sales1@peptechbio.com

Product Specification

SILONE (Spray Adjuvant)

AD 001

APPLICATION:

SL. NO.	PRODUCT PARAMETERS	SPECIFICATION
1.	Plant Growth Regulator	0.025-0.05%
2.	Herbicides	0.025-0.15%
3.	Insecticides	0.25-0.1%
4.	Fungicides	0.15-0.05%
5.	Bio-Fertilizer & Bio-Pesticides	0.025-0.1%
6.	Chemical Fungicides and Chelated Micronutrient	0.25-0.1%

How to Mix Silon Adjuvant in Tank

Use 3-5 ml in 15 ltr. Mix Tank. It is more effective when tank premix with in pH 5-8 and should be used within 24 Hours.

INSTRUCTION

Keep away from heat, Electric spraying or flames.

Std Packing : 50 Kg/200 Kg HDPE Drum, also available in Toll Packaging.

Best Before : 24 Months.

Storage : Store in a cool & dry place.