

Agriculture Chemicals

Typical chemical and physical Properties

TIWETT 1055 C4 is a non-ionic silicone polyether based wetting, Dispersing & performance enhancer of agricultural chemicals especially water soluble herbicides, . insecticides, fungicides and plant growth regulators.

Properties:

Appearance	Slightly Yellowish Clear Liquid
Ionic Character	Non - Ionic
Flash Point	> 80 °C
Solubility	Soluble in water & In Polar Solvents
Density (25c)	> 1.01 g/cm3

Applications and typical treat level recommended

Herbicides 0.03 % to 0.25 % of spray soln.

Insecticides

0.05 to 0.5 % of spray soln.

Benefits

Reduces surface tension of aqueous agricultural mixtures significantly & thus Produces very rapid wetting and spreading on hard to wet surfaces such as Waxy leaves.
Upto 40% less water required.
Homogeneous distribution of spray liquid & quicker penetration onto the plants.