

# Talc



Insecticidal and fungicidal action



## COMPOSITION

Talc	
Cas No	14807-96-6
Chemical name	Magnesium hydrogen metasilicate

**Appearance**  
Powder

**Application**  
Foliar

**Packaging**  
25 Kg

## DESCRIPTION

Talc is a clay mineral composed of hydrated magnesium silicate with the chemical formula  $Mg_3Si_4O_{10}(OH)_2$ .

Talc is used as a thickening and lubricant agent, it's used as ingredient in ceramics, paint and roofing material, and it's also one of the main component in many cosmetic products.

Talc presents a high number of basic properties - platyness, chemical inertness, softness, water repellency and affinity for organic matter.

Talc is an inherently hydrophobic mineral.

Particles of talc have the shape of platelets due to the layered structure of the mineral.

The basal surfaces are hydrophobic, while the edge surfaces are hydrophilic.

Sprayed on plants it creates a physical barrier against insects and fungus with also a highly effective protective action against sunburn.

## DOSES AND METHOD OF USE

### As insectifuge - Physical barrier Insectifuge (insect repellent)

Crops	Pathogen	Doses
Apple tree, Pear tree	Insects and mites: <i>Cacopsylla pyri</i> , <i>Cacopsylla fulguralis</i> , <i>Drosophila suzukii</i> , <i>Panonychus ulmi</i>	38 - 90 kg/ha From 2 to 5 treatments from BBCH 41
Olive tree	<i>Bactrocera oleae</i>	

### As fungifuge - Physical barrier Insectifuge

Apple tree, Pear tree	Foliar fungi like: <i>Venturia inaequalis</i>	38 - 64 kg/ha From 3 to 5 treatments from BBCH 41
Grapevine	Foliar fungi like: <i>Erysiphe necator</i>	38 - 90 kg/ha From 2 to 5 treatments from BBCH 20

Doses refer to those officially published in the Reports by EFSA