

# AlveisClean

FOAMING DETERGENT WITH HIGH ALKALINITY  
SUITABLE FOR THE CLEANING AND REMOVAL OF PROPOLIS AND WAX  
(Data sheet)

## **DESCRIPTION:**

AlveisClean is a formulation characterized by the presence of alkali and highly foaming surfactants. Ideal for removing greasy residues and organic material such as propolis and wax from surfaces. Suitable for cleaning honey extraction rooms, external parts of machinery, processing tables and all beekeeping material such as hives, frames, feeders, queen excluders, levers, smokers etc. The abundant foam formation prolongs the contact time with surfaces, even vertical ones, facilitating the removal of the most stubborn dirt.

## **CHEMICAL COMPOSITION:**

Less than 5% phosphonates, polycarboxylates. Between 5 and 15% non-ionic surfactants. The preparation contains surfactants that comply with the biodegradability criteria established in the EU Detergents Regulation (648/2004 / EC).

## **CHEMICAL-PHYSICAL CHARACTERISTICS:**

Physical state:	Liquid
Appearance:	Clear straw yellow liquid
Odor:	None
Specific weight:	1100 - 1140 g/l
pH as it is	>13.0
pH solution 1%	12.5 ± 0.5

## **METHOD AND DOSAGE OF USE:**

We recommend using the product diluted in water at a concentration of 3% to 6% v/v (from 30ml to 60ml for 1 liter of water). The choice of concentration is based on the quantity and tenacity of the dirt to be removed, (the 6% v/v solution is suitable for coarser dirt). The solution can be applied manually or using special foaming lances. Items to be cleaned can also be immersed in the solution. Leave the product to act for at least 5 minutes or until the desired degree of cleanliness has been reached, then rinse thoroughly.

To facilitate the removal of organic material, it is recommended to exert a mechanical action on the surfaces by brushing.

To speed up cleaning times, it is recommended to mechanically remove as much organic material as possible from the surfaces and equipment to be cleaned before applying the product.

## **MECHANISM OF ACTION:**

The alkalis present in the formulation saponify the fatty acids present in the substances to be removed by a basic hydrolysis process, making them more water-soluble and therefore easily removable. The surfactants present in the formulation act as emulsifiers facilitating the cleansing process.

**COMPATIBILITY:**

Compatible with all materials except light metals, such as aluminum or galvanized metals.

**WARNINGS:**

The preparation, according to the safety and labeling regulations, is classified as dangerous. Carefully read the safety data sheet and the label which highlight the specific risks and the measures to be taken.

**STORAGE:**

Store in a dry place with temperatures between 5 and 35 °C.

**PACKAGES:**

1L bottle

5L tank