



Mida

# FOAM 170 BIO

Mild alkaline foaming detergent Enzymatic product designed for OPC applications

## DESCRIPTION AND APPLICATION

**MIDA FOAM 170 BIO** is a foaming slightly alkaline detergent, caustic free, which contains a balanced mixture of components which provide to the detergent system the following synergistic properties

<b>surfactant</b>	wetting and emulsifying of fats activities
<b>solvent</b>	removal of the organic substances, in particular fats and proteins
<b>sequestering</b>	activity on Calcium and Magnesium salts with water softening
<b>chelating</b>	activity on the hemoglobin iron with a bleaching effect on the blood residues
<b>enzymatic</b>	irreversible demolition of the organic molecules, including the blood and the foul-smelling volatile substances

The **enzymatic hydrolysis** catalyzes the breakdown of the organic molecules transforming them into H<sub>2</sub>O, CO<sub>2</sub> and simple and easily degradable inorganic salts

## USE INSTRUCTIONS

The enzymatic foam cleaning procedure is based on three separate phases

**PRELIMINARY TREATMENTS** Physical removal of coarse residues and a bland initial rinse  
**Advantage: saving time and water**

**FOAM APPLICATION** Application as foam of the enzymatic detergent solution at a concentration between 3% and 4%  
 Recommended temperature: about 30°C  
 Suitable contact time: at least 30 minutes  
**Advantage: saving energy and detergent**

**FINAL RINSE** Removal of the product and dirty residues using warm water  
 The final rinse is facilitated by the absence of caustic components  
**Advantage: saving time and water**

The advantages above described refer to the comparison with the standard foam cleaning procedures  
**The enzymatic system is easily, quickly and completely rinsable and leaves no residue on the treated surfaces**

## PRODUCT CHARACTERISTICS

Main ingredients	Surfactants, enzymes, stabiliser, solvent, sequestrants
Visual aspect	Clear liquid
Colour	Pale yellow
Odour	Odourless
pH (as 100%) at 20°C	9.0 ± 0.5
Relative density at 20°C	1,000 ± 0,05 g/mL

## MATERIAL COMPATIBILITY

Under normal operating conditions **MIDA FOAM 170 BIO** shows no corrosive activity against the surfaces and materials with which it comes into contact and which are normally present in the food and beverage industries

## ENVIRONMENT

**MIDA FOAM 170 BIO** does not contain chlorinated components and therefore there is no risk of formation of absorbable organic halogens (AOX)

The surfactants contained in **MIDA FOAM 170 BIO** comply with the European Union directive EU648/2004 regarding the biodegradability of surfactants

## SAFETY

Hazard classification (CLP): H319 - Causes serious eye irritation

Please consult the MSDS and follow the precautions for handling and use

## STORAGE

Store the product, sealed in its original container between 5°C and 35°C and prevent any leakage of product

More detailed recommendations are available in the Safety section 7 of the MSDS

## PACKAGING

**MIDA FLOW 170 BIO** can be available in CAN, DRUM and IBC.