



Mida

# MIDA ENZY 1005

Enzymatic non foaming allergen removal product

## DESCRIPTION AND APPLICATION

**MIDA ENZY 1005** is an enzymatic non-foaming detergent formulated to remove allergens of CIP systems of food industries. This product degrades the proteins that cause the most common food allergies. Proven efficacy against gluten, eggs, peanuts, crustacean, milk proteins and soya has been validated by external laboratories.

**MIDA ENZY 1005** contains low foam surfactants and additional cleaning agents, resulting in a high cleaning effectiveness against fat and proteins residues. Acts at neutral pH. Does not corrode surface materials and is a chlorine-free and phosphate-free product (environmentally friendly).

## INSTRUCTIONS OF USE

Use **MIDA ENZY 1005** as follows:

- **Immersion or soaking:** Dilute in water to a concentration between 3% and 5% and temperature between 45-55 °C. Treat parts or accessories to be cleaned for 15-30 min, followed by rinsing with abundant water and disinfection with a strong disinfectant and final rinsing.
- **CIP systems:** Dilute in water to a concentration between 3% and 5% and temperature between 45-55 °C. Allow the solution to recirculate for 30 to 120 min, depending on the level of contamination, followed by rinsing with abundant water and disinfection with a strong disinfectant and final rinsing.

## PRODUCT CHARACTERISTICS

Main ingredients	anionic and non-ionic surfactants, solvents, and enzymes.
Visual aspect	Clear liquid
Colour	Transparent yellowish liquid
Odour	Characteristic of the product
pH (neat)	± 8.2
Specific weight (at 20°C)	± 1.06 g/mL

The values provided in the table do not constitute technical specifications

## MATERIAL COMPATIBILITY

**MIDA ENZY 1005** when applied at the recommended concentrations and temperatures, is compatible with all types of materials commonly used in the food industry including aluminium and soft alloys. If uncertain, it is recommended to assess each individual material component individually before extended contact

## ENVIRONMENT

**MIDA ENZY 1005** does not contain any chlorine and hence there is no risk of the formation of organic absorbable halogens (AOX).

**MIDA ENZY 1005** complies with the European Union directive EU648/2004 on biodegradability of surfactants.

## SAFETY

**MIDA ENZY 1005** is classified as corrosive.

Hazard classification (CLP): H318 - Causes serious eye damage

Do not mix with alkali or any other product.

Please consult the MSDS and follow the guidance for handling and disposal.

## STABILITY AND STORAGE

Store the product sealed in its original packaging between 5 and 25°C and prevent any leakage of product. Do not expose to direct sunlight. More detailed recommendations are available in the Safety section 7

Shelf life: Use before the expiring date indicated on the packaging (18 month after production date).

## PACKAGING

**MIDA ENZY 1005** can be available in CAN and IBC.