



MIDA ADD 407 MO

Additive for direct mixing with caustic solutions
with sequestering and antifoaming properties

DESCRIPTION & APPLICATION

MIDA ADD 407 MO is a liquid additive for caustic solutions which contains a balanced mixture of sequestrants and surfactants with wetting and antifoam properties.

MIDA ADD 407 MO is used in food processing industries, including beverage bottling and dairy sector, as an additive to the caustic solution used for CIP and bottle washing treatment.

When mixed with a caustic solution, **MIDA ADD 407 MO** forms a complete detergent that enhances the cleaning activity of caustic solutions:

- control of limescale deposits even in the presence of very hard water
- control of foam formation in mechanical washing processes, by spraying or circulation

When used as additive in the soaking caustic bath of a bottle washer, **MIDA ADD 407 MO** is particularly effective in removing tenacious contamination such as molds and insects larvae inside the bottles, glue and labels without causing pulping, as well as rust rings on the neck of bottles.

This product is suitable for automatic control and dosage systems that ensure an effective and economical use of the product.

INSTRUCTIONS OF USE

MIDA ADD 407 MO is normally used by direct mixing with caustic solutions (containing 30-40 % caustic) at a concentration between 10 % and 30 % (w/w, calculated on 100 % caustic soda) depending on the type of application, level of contamination and water hardness.

Optimal foam control is achieved at temperatures over 45 °C.

PRODUCT CHARACTERISTICS

Main ingredients	Anionic surfactants, non-ionic surfactants, dye.
Visual aspect	Clear liquid
Colour	Slightly brown
Odour	Characteristic of the product
pH (at 20 °C)	3.8 ± 0.5 (pure) 7.5 ± 0.5 (1% solution)
Density	± 1,059 kg/L

The values shown in the table do not constitute technical specifications

MATERIAL COMPATIBILITY

When used according to the recommended use instructions, **MIDA ADD 407 MO** can be used on all materials commonly found in the food and beverage industries. When used as an additive to caustic solution, the same restrictions as to the caustic solution apply.

ENVIRONMENT

MIDA ADD 407 MO does not contain any chlorinated components. There is no risk of formation of organic absorbable halogens (AOX).

MIDA ADD 407 MO complies with the European Union directive EU648/2004.

SAFETY

MIDA ADD 407 MO is classified as Dangerous

Hazard classification (CLP): H315 – Causes skin irritation
 H318 – Causes severe eye damage

Carefully read the material safety data sheet and follow the chemical handling and disposal guidelines

STORAGE

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

More detailed recommendations are available in the Safety section 7

PACKAGING

MIDA ADD 407 MO can be available in CAN, DRUM and IBC.

Technical Data Sheet **MIDA ADD 407 MO**
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