



## MIDA ADD 413 BM

Liquid additive for prevent corrosion and limescale in the autoclaves and flow pasters for the food and beverage industry

### DESCRIPTION & APPLICATION

**MIDA ADD 413 BM** is liquid soft alkaline to neutral additive designed for the operating waters which are used for sterilization of food products in industrial autoclaves and flow pasters. The product effectively prevents corrosion and limescale, rust and other undesirable coatings on sterilized containers (tins, cans, jars and bottles), autoclaves, pasters and cooling systems.

**MIDA ADD 413 BM** contains highly effective additives to provide reliable dispersion of calcium and magnesium salts including iron ions together with the removal of organic dirt of fat and protein character. The result is the clean containers without signs of corrosion and grease. The product is suitable for use in moderately hard operating waters.

### USE INSTRUCTIONS

**MIDA ADD 413 BM** is recommended to always use only once in each batch at concentrations between 0,01-0,1% (v/v), it means 0,1-1,0 liter to 1000 liter of operating water (is usually used 0,15 liter to 1000 liter of water under standard operating conditions). The temperature and duration of action is determined by technological process using an autoclave or other equipment.

Before the permanent using it is recommended the experimentally verify of suitable dosage. Rinse thoroughly after use and ensure that all product residues and soil particles are removed.

### PRODUCT CHARACTERISTICS

Composition	Contains sequestrants, non-ionic surfactants.
Appearance	Clear (moderately viscous) liquid
Colour	Yellowish
Odour	Characteristic of the product
pH (100%)	8,8 ± 0,5
Density	1,00 ± 0,05 g/cm <sup>3</sup> (20°C)
Solubility	Miscible in water in all proportions

### MATERIAL COMPACTIBILITY

When **MIDA ADD 413 BM** is used according to the recommended use instructions, then **MIDA ADD 413 BM** can be used on materials commonly used in the food industry including the plastics.

### ENVIRONMENT

**MIDA ADD 413 BM** does not contain any chlorine and hence there is no risk of the formation of organic adsorbable halogens (AOX).

The surfactants of **MIDA ADD 413 BM** comply with the European Union Directive EU648/2004 on the biodegradability of surfactants.

### SAFETY

Never mix **MIDA ADD 413 BM** with other products. Carefully read the material safety data sheet of **MIDA ADD 413 BM** and follow the chemical handling and disposal guidance.

### STORAGE

Store **MIDA ADD 413 BM** in its original packaging between 5°C and 30°C. Do not expose to direct sunlight. The expiry date is 24 months from date of manufacture.

### PACKAGING

**MIDA ADD 413 BM** can be available in CAN, DRUM and IBC.

Technical Data Sheet **MIDA ADD 413 BM**  
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