

MIDA ADD 411 PH

Liquid oxidative additive based on hydrogen peroxide
to stronger effect of alkaline detergents in the food industry

DESCRIPTION & APPLICATION

MIDA ADD 411 PH is a liquid acidic oxidative additive to alkaline detergent solutions to their stronger effect in the process of Cleaning-In-Place (CIP) circuits including pipelines, tanks and other equipment in the food and beverage industry.

MIDA ADD 411 PH based on stabilized hydrogen peroxide is not very stable in alkaline cleaning solutions, therefore this additive should be added every time immediately before the cleaning process!

USE INSTRUCTIONS

MIDA ADD 411 PH is used at concentration between 0,2 and 2,0 % (v/v) depending on the type of alkaline detergent and type of cleaned equipment. Before the permanent using it is recommended the experimentally verify of suitable dosage.

Alkaline solutions with **MIDA ADD 411 PH** are used at temperatures of 40 to 70°C. Contact time depends on the degree and type of contamination, but not more than 15 minutes. Rinse with drinking water thoroughly after use and ensure that all product residues and soil particles are removed. Do not use in undiluted form!

MIDA ADD 411 PH can be added only into open circulation systems – in closed systems it can happen to uncontrollable increase of pressure!

PRODUCT CHARACTERISTICS

Composition	Contains hydrogen peroxide, stabilizer.
Appearance	Clear liquid
Colour	Colourless
Odour	Without odour
pH (1%)	± 5,0
Density	± 1,13 g/cm ³ (20°C)
Solubility	Miscible in water in all proportions

MATERIAL COMPACTIBILITY

When **MIDA ADD 411 PH** is used according to the recommended use instructions, then **MIDA ADD 411 PH** can be used on materials commonly used in the food industry. Plastic and sealing materials must be resistant to oxidation!

ENVIRONMENT

MIDA ADD 411 PH does not contain any chlorine and hence there is no risk of the formation of organic adsorbable halogens (AOX).

The surfactants of **MIDA ADD 411 PH** comply with the European Union Directive EU648/2004 on the biodegradability of surfactants.

SAFETY

Never mix **MIDA ADD 411 PH** with other products. Carefully read the material safety data sheet of **MIDA ADD 411 PH** and follow the chemical handling and disposal guidance. Avoid the contact of concentrate with organic substances (fats, oils, rubber, paper, straw, wood, cork, general contamination) as well as other concentrated detergents and disinfectants.

STORAGE

Store **MIDA ADD 411 PH** in its original packaging between 5°C and 25°C. Do not expose to direct sunlight. The expiry date is 12 months from date of manufacture.

PACKAGING

MIDA ADD 411 PH can be available in CAN and DRUM.

Technical Data Sheet **MIDA ADD 411 PH**
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