



MIDA FLOW 243 OS

Powerful descaler for single stage cleaning in CIP installations

DESCRIPTION & APPLICATION

MIDA FLOW 243 OS is a non foaming sulfuric and sulfamic acid based liquid detergent especially for the removal of the inorganic deposits, for CIP circuits and mechanical washing in food processing, in beverage and bottling plants and in the dairy industry.

MIDA FLOW 243 OS is suitable for single stage cleaning of CIP systems (milk tanks, pipes, cooling tanks, fillers, etc...) and for use in spray wash installations such as plastic and stainless steel crates, trolleys, molds, molding and pressing equipment for cheese production.

MIDA FLOW 243 OS is highly effective in removing inorganic scale deposits and milk stone, particularly calcium carbonate and calcium phosphate, improving operational efficiency.

MIDA FLOW 243 OS is powerful from cleaning action results from the synergy between the low foaming surfactants, the sequestrants and the mixture of acids.

USE INSTRUCTIONS

MIDA FLOW 243 OS is used at concentrations between 0,5 and 3 % (v/v) at a temperature of 40 - 70°C during a contact time between 5 and 20 minutes, depending on the degree of deposit to be removed.

Rinse with drinking water thoroughly after use and ensure that all product residues and soil particles are removed.

PRODUCT CHARACTERISTICS

Composition	Contains sulphuric acid, sulphamic acid, hydrogen peroxide, surfactants.
Appearance	Clear liquid
Colour	Colourless
Odour	Characteristic of the product
pH (100%)	± 1,5
Density	± 1,15 g/cm ³ (20°C)
Solubility	Miscible in water in all proportions

MATERIAL COMPACTIBILITY

When **MIDA FLOW 243 OS** is used according to the recommended use instructions, then **MIDA FLOW 243 OS** can be used on materials commonly used in the food industry, with the exception of light alloys, galvanized materials, non-ferrous metals and soft metals like aluminium. Plastic materials should be tested before use.

In case of uncertainty we recommend to evaluate the materials before any prolonged use.

ENVIRONMENT

MIDA FLOW 243 OS does not contain any chlorine and hence there is no risk of the formation of organic adsorbable halogens (AOX).

The surfactants of **MIDA FLOW 243 OS** comply with the European Union Directive EU648/2004 on the biodegradability of surfactants.

SAFETY

Never mix **MIDA FLOW 243 OS** with other products. Carefully read the material safety data sheet of **MIDA FLOW 243 OS** and follow the chemical handling and disposal guidance.

STORAGE

Store **MIDA FLOW 243 OS** 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 FLOW 243 OS can be available in CAN, DRUM and IBC.

Technical Data Sheet **MIDA FLOW 243 OS**
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