



# MIDA FLOW 242 SP

Powerful combined descaler  
for food and beverage industry

## DESCRIPTION & APPLICATION

**MIDA FLOW 242 SP** is a liquid non-foaming sulphuric and phosphoric acid based detergent especially for the removal of the inorganic deposits, for CIP circuits and machines in food processing and dairy industry and bottling plants in beverage industry.

**MIDA FLOW 242 SP** is highly effective in removing inorganic scale deposits of water, particularly calcium carbonate and calcium phosphate, improving operational efficiency.

**MIDA FLOW 242 SP** is also suitable for manual cleaning of floors and walls in the food industry including smoking sticks and molds for the ham production.

**MIDA FLOW 242 SP** is powerful for cleaning action results from the synergy between the sulphuric and phosphoric acids.

## USE INSTRUCTIONS

**MIDA FLOW 242 SP** is used at concentrations between 0,5 and 2 % (v/v) at a temperature of 40-60°C during a contact time between 5 and 15 min depending on the degree of soiling.

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

## PRODUCT CHARACTERISTICS

Composition	Contains sulphuric acid, phosphoric acid.
Appearance	Clear liquid
Colour	Colourless
Odour	Characteristic of the product
pH (1%)	2,3 ± 0,5
Density	1,22 ± 0,05 g/cm <sup>3</sup> (20°C)
Solubility	Miscible in water in all proportions

### **MATERIAL COMPACTIBILITY**

When **MIDA FLOW 242 SP** is used according to the recommended use instructions, then **MIDA FLOW 242 SP** 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 242 SP** does not contain any chlorine and hence there is no risk of the formation of organic adsorbable halogens (AOX).

The surfactants of **MIDA FLOW 242 SP** comply with the European Union Directive EU648/2004 on the biodegradability of surfactants.

### **SAFETY**

Never mix **MIDA FLOW 242 SP** with other products. Carefully read the material safety data sheet of **MIDA FLOW 242 SP** and follow the chemical handling and disposal guidance.

### **STORAGE**

Store **MIDA FLOW 242 SP** 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 242 SP** can be available in CAN and DRUM.

Technical Data Sheet **MIDA FLOW 242 SP**  
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