

# TITAN I

ADDITIVE to aid CLEANING of inorganic residue from CROSS-FLOW FILTRATION APPARATUS AND SYSTEMS

## Application

Formulation containing dispersants and chelating agents suitable for the removal of mineral/inorganic residues (manganese, iron, silica, aluminium, magnesium and calcium) primarily caused by the water supply, which deposits these residues inside piping and filtration apparatus, causing cross-flow filtration systems to clog up.

When used after treatment with Titan 0 (removal of organic materials), it helps maintain efficient performance in the cross-flow filtration systems used in wineries.

## Protocol of use

### Residues containing silica, copper, manganese, magnesium and calcium

Prepare a solution of TITAN I diluted in hot water (50°C) with a pH of 10/10.5, which must stay constant throughout a wash cycle lasting minimum 30 minutes.

Drain the solution from the system.

Wash with a 1% solution of DETARFLOW + 0,5% DETAR8 for 10 minutes (50°C).

Rinse with cold water.

### Residues containing iron

Prepare a solution of TITAN I diluted in hot water (50°C), using DETAR10 to acidify the solution to a pH of 3.

The pH must stay at 3 throughout a wash cycle lasting minimum 30 minutes.

Drain the solution from the system.

Rinse with cold water.

## Composition

Chelating and sequestering agents

## Physical and chemical properties

Appearance: liquid

pH of solution: 10.3-11.3 (1%)

Density: 1250-1350 Kg/m<sup>3</sup>

## Dosage

Use at a concentration of 0.5%.

## Storage

Store tightly closed in the original packaging at a temperature between +4 and +25°C, in a dry place.

For optimal performance, use within: 2 years.

## Packaging

10 Kg canister.



Production plant in San Martino Buon Albergo (VR). Company with quality, environment and food safety management systems certified by Certiquality according to UNI standards EN ISO 9001, UNI EN ISO 14001 and FSSC 22000. The information given here are in compliance with the current state of our knowledge and is provided without guarantee as the conditions of use depend on the customer. The user is therefore required to comply with current national and international legislation.

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