

INTCIP-AL 110

Alkaline Single-Stage Detergent For Cycle And Mechanical Treatments.

Application

INTCIP-AL 110 is a special and new formula based on a balanced mixture of alkaline substances, organic sequestrant, dispersion compounds, surfactants with wetting emulsifying and anti-foam action

INTCIP-AL 110 is a single-stage product developed for the removal of organic and mixed residues in milk and dairy industries for closed equipments and machines

INTCIP-AL 110 is used to treat cold surfaces (tanks, pipes, etc.) and also for hot surfaces (pasteurisation plate systems, etc.)

INTCIP-AL 110 main characteristics can be listed as follows:

- is alkaline and so able to remove organic residues
- is rich of sequestrant substances and so able to remove mixed residues (ex. milk stone); it can be used also in presence of particularly hard waters
- contains particular surfactants with anti-foam action allowing use in waste and recover treatments

Single-stage washings, without descaling acid treatment, allows good saves of time, energy, water and work respect to traditional soda/acid process, with consequent reduction of global cost of the same treatment

INTCIP-AL 110 is used also in all mechanical and re-cycle washings, in food and beverage industries, where there are mixed residues

Although the content of caustic substances, INTCIP-AL 110 solutions can be easily rinsed

Usage

INTCIP-AL 110 right dosage depends on various elements such as: quality and quantity of milk treated, kind of machine, temperature and time of treatment, water hardness

The right dosage, depends on water hardness, can change from 0,5%-1% for cold surfaces (tanks, pipes, etc.) and 1,5% to 3% for hot surfaces (pasteurisation plate systems, etc.)

Washing temperature is usually 50-60°C and in case of pasteurisation systems of 75-85°C

When possible an automatic dosage of the product is advisable using the proper concentration control systems

Characteristics

Appearance	: liquid light yellow, no smell
pH (1%)	: 13
Specific weight (at 20°C)	: 1,200 g/ml
Compounds	: hydroxide sodium, organic sequestrant, dispersion compounds, non ionic surfactants

INTCIP-AL 110 is a very concentrated mixture of active principles; the product, pure, could suffer frost
If kept at temperatures inferior to 0°C

