

## HIDRO LAC

IT TAKES AWAY THE MILK-STONE, MINERAL CHIPS AND THE RUST FROM ALL THE EQUIPMENTS IN THE CHEESE FACTORIES AND IN ALL THE MILK PROCESS.

## USE:

**HIDRO LAC** is a powerful and speedy remover of the milk-stone and rust that are formed in the equipments of the milk and cheese industry.

### BENEFITS:

**HIDRO LAC** splits with quickness all the mineral stratifications-

**HIDRO LAC** contains some special penetrating agents that are able to detach and to dissolve the milk's stone, the flake or the rust present in the pasteurize-circuits and into all the milk's circuits, in the tankers, in the accumulation tanks and in all the other equipments for the process of the milk.

- **It doesn't leave residuals.**

**HIDRO LAC** is completely soluble in water, and therefore, it doesn't leave residuals. A rinse with a normal water it makes the surfaces as new.

- **It is not toxic, neither it doesn't release harmful smokes.**

Unlike other scale remover normally used, **HIDRO LAC** is not toxic, and it doesn't release harmful smokes.

- **Cheap.**

Since **HIDRO LAC** is a concentrated chemical. We can get a very efficacious solution diluting a litre of **HIDRO LAC** with from 10 to 50 litres of water, according to the type of equipments that we are going to clean and of the heaviness of the stratifications to be eliminated. For the use of **HIDRO LAC** special protections are not needed.

- **It doesn't damage the equipments.**

Use it in agreement with the statements of use, **HIDRO LAC** doesn't damage the metallic equipments, even if it is so powerful to destroy the heaviest stratifications of flake.

- **HIDRO LAC is biodegradable**

**HIDRO LAC** doesn't contain harmful ingredients for the natural environment.

### USE SUGGESTIONS:

**HIDRO LAC** is used additionally to the regular daily procedures of cleaning and hygiene with our **DRAW NET** to remove those stratifications of insoluble subjects, that otherwise it would accumulate in the tanks and on the process equipments.

#### **Tankers and accumulation tanks.**

Integrate the normal procedures of cleaning intervening with **HIDRO LAC** different times per month, according to the necessity. Dilute a litre of **HIDRO LAC** with 25 litres of hot water and input a jet of this solution (preferably using a pump with rotating head) in the interior of the tank to recirculate for 20 minutes. This solution may also be circulated through more tanks, up to that its effectiveness will not be exhausted..

Detach the most tenacious layers with a brush, and then rinse with abundant hot water. Remove and dip in a hot solution consisting of one part of product with 25 parts of water,

the piping, valves, parts and accessories. Then brush off these components and rinse

thoroughly with a jet of hot water.

#### **Wash Machine and centrifugal separators.**

For several times a month, remove the metallic drum and all the other little and accessible components, and dip them in a hot solution of 100 cc of **HIDRO LAC** with 2,5 litres of hot

water Wipe off all parts of the machine, and then  
rinse thoroughly until the rinse water does not flow clear.

#### **Pasteurizers and homogenizers**

Prepare a solution of one litre of **HIDRO LAC** in 50 litres of hot water (65 to 75 ° C) circulate it in the equipment 30 to 45 minutes. Relieve the pressure of the homogenizer before the circulation, by operating the homogenizer with short pulses and frequent.

In C.I.P. systems (circulating automatic washing) operate with a 1% solution

(Note: Rinse off or always rinse with warm water until the water flows clear, in order to be certain that the acidic components that have not been neutralized have been removed).

All parts of the equipment for the processing of foods, which are covered with scale, rust or calcium layers, should be immersed in a **HIDRO LAC** solution at 55-60 ° C for 30-60 minutes, and then rinse thoroughly before using them again.

For lightweight layers you can use a litre of **HIDRO LAC** mixed with 25 litres of water.

For heavier layers may be necessary a mixture of 1 litre of **HIDRO LAC** with 10 litres of water. The solutions of greater concentration will act more quickly solutions in the case of a limited immersion.

For heavy layers it can become necessary a mixture of a litre of **HIDRO LAC** with 10 liters of water. The solutions of greater concentration will act more quickly in that cases where the time of immersion it is limited.

#### **CHARACTERISTICS - COD. 80Z302**

Kind of product: Scale remover

Colour Yellow

Smell Unscented

Specific Weight 1,300 kg/l

Flammability Flameproof

Toxicity Low toxicity to the dilutions suggested.

It contains phosphoric acid of alimentary grade. Not to ingest to the concentrated state.

Composition: Mixture of inhibited acids, penetrating and biodegradable surfactant agents.

NOTE: - The contents of this document is based on our own knowledge and experience on the product. It's given as an indication, do not assume our responsibility for particular applications.