

# CASIAL CLORO

## ALKALINE CHLORINE ACTIVE DETERGENT DEGREASER FOR DAIRY AND FOOD INDUSTRY



### GENERAL DESCRIPTION

**CASIAL CLORO** is an alkaline chlorine active detergent formulated in particular to wash surfaces and equipments in dairy industry (milking systems, tanks, pasteurizers, mixers, packing systems, etc.) It is suitable for "cleaning in place" system (CIP). The product contains alkaline salts that saponify the fats and fluidify the proteins helping their removing. It contains sequestrating agents to dissolve calcium scales. It contains Sodium Hypochlorite as a Biocide in process of registration at ECHA. **CASIAL CLORO** can also be used in food and drink industries in general. The product uses raw materials allowed by the French Regulations for detergents to be used on surfaces equipments in contact with foodstuff (Arreté December 19th 2013).

**Product recommended by Kemika in the HACCP plans.**

### DIRECTION FOR USE

#### Cleaning-in-place (CIP) system

##### Machine milking plants

Previously rinse with cold water. Dilute **CASIAL CLORO** at 0.5-1% in warm water (30-50°C), let circulate for 10-15 minutes. Then rinse with cold water.

##### Milk pasteurizing and sterilizing circuits

Previously rinse with cold water. Dilute **CASIAL CLORO** at 1-2% in water at 70-80°C and let circulate for 20-30 minutes. Then rinse with warm water.

##### Tanks, mixers, packing systems, tank trucks

Rinse with water. Let circulate or vaporize **CASIAL CLORO** at 1% in cold or warm water for 10-15 minutes and rinse with water. If necessary help cleaning with brushes, water high-pressure machines or other mechanical devices.

### TECHNICAL DATA

Appearance	yellow liquid
pH	13.7 ± 0.2
Density	1.272 g/ml
Active contents	31%

#### Chemical composition – Reg. (EC) 648/2004

- Phosphates (as P)	conc. < 5%
- Chlorine-based bleaching agents	conc. < 5%

### WARNINGS

Do not use on aluminium or zinc-plated surfaces.

#### Labelling



#### Danger

May be corrosive to metals. Causes severe skin burns and eye damage. Harmful to aquatic life with long lasting effects. Warning! Do not use together with other products. May release dangerous gases (chlorine). The product is subject to ADR Regulation: **UN 1719 Class 8 PG III**  
Read carefully the safety data sheet before use.



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