

# Acir

The product information is applicable to the product in the recommended solution for use.  
If information about the concentrated product is required, please see the MSDS.



<b>PRODUCT TYPE</b>	Acidic CIP cleaning agent
<b>APPLICATION</b>	Acir is used for cleaning pipeline milking systems, bulk storage tanks and other agricultural equipment.
<b>PROPERTIES</b>	Acir is an acidic product based on nitric acid and phosphoric acid. It acts as a descaler and can be used for most milking systems. Recommended for use in areas with hard water.
<b>STORAGE</b>	Store in tightly closed original container. Keep away from food, drink and animal feeding stuffs. Store away from: Chlorine and Alkalies. Protect against direct sunlight. Storage: -20 - 35 °C Durability: 36 months.
<b>APPROVAL</b>	The product meets the general food law requirements for cleaning chemicals used in food producing companies. This means that the product under normal use and dosage or under foreseeable circumstances does not transfer any components to foodstuff in a degree that may endanger human health.
<b>SAFETY</b>	Please see the enclosed safety data sheet for information about handling and disposal. For professional users only.  This product is covered by REGULATION (EU) 2019/1148 OF THE EUROPEAN PARLIAMENT AND OF THE COUNCIL of 20 June 2019 on the marketing and use of explosives precursors. Purchasing the product requires submission of a statement to the supplier.
<b>DISPOSAL</b>	Do not empty into drains; dispose of this material and its container at hazardous or special waste collection point. Dispose of waste and residues in accordance with local authority requirements. The packaging must not be recycled.

## INSTRUCTIONS AND DOSAGE

The recommended concentration for use of the product is: 0.5%

- (1) Rinse with water (35-40°C).
- (2) Wash the equipment/tank at 0-70°C with a 0.5 % solution. Contact time: 5-10 minutes.
- (3) Rinse with clean cold water.

## PRODUCT DATA

Colour	Colourless to pale yellow.
Physical state	Fluid.
Odour	Slightly pungent odour.
Bulk density	~ 1,20 kg/l
pH In delivery state	< 1,0
In aqueous solution 0,5 %	~ 2,0

## TITRATION

Take out 10 ml of the solution for use.  
Add 3-4 drops of Phenolphthalein.  
Titrate with 0,1 N NaOH until pink colour.  
Concentration = Used ml NaOH x factor  
Factor (w/w %): 0,22  
(v/v %): 0,19