

ACIDKLENZ 50

Acid based detergent

DESCRIPTION & APPLICATION

ACIDKLENZ 50 is a low foam detergent based on phosphoric and nitric acid.

ACIDKLENZ 50 has a wide application in the Food, Dairy and Brewing industries as an acid detergent and is suitable for use in all water hardnesses.

ACIDKLENZ 50 is ideal for the acid stage of a two-stage caustic/acid clean of dairy and brewery processing equipment.

ACIDKLENZ 50 is used for descaling fermentation vessels, maturation tanks, cold storage tanks, milk silos and milk tankers.

USE INSTRUCTIONS

Descaling

Use **ACIDKLENZ 50** at 1-5% v/v, depending on the degree of scaling, by soak or circulation systems. The higher the temperature the quicker descaling takes place, but use with caution above 75°C.

CIP/Circulation systems

Use **ACIDKLENZ 50** at 1-5% v/v at temperatures from ambient to 75°C.

PRODUCT CHARACTERISTICS

Composition	Contains nitric and phosphoric acid
Appearance	Clear liquid
Colour	Colourless
pH (1%)	<2
Specific Gravity	1.28
Solubility	Soluble in water
Freezing Point	-4°C
Nitrogen (N) content	84 g/kg
Phosphorus (P) content	22 g/kg
COD	<0.02 g/kg O

MATERIALS COMPATIBILITY

Due to its high nitric acid content, **ACIDKLENZ 50** is NOT recommended for use on vessels made of copper and its alloys or aluminium and its alloys.

SAFETY

Carefully read the safety data sheet of **ACIDKLENZ 50** and follow the chemical handling and disposal guidance.

STORAGE

Store **ACIDKLENZ 50** in its original packaging between 0°C and 35°C.
Always store in original container away from extremes of temperature and out of direct sunlight.
Shelf life: Minimum of two years.

PACKAGING

Bulk
1000 litres
200 litres
25 litres

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