



KLENZ 2

Caustic soda based CIP detergent with antifoam system

DESCRIPTION & APPLICATION

KLENZ 2 is a de-foamed caustic detergent specially formulated for the CIP/ circulation cleaning of processing vessels and has many applications throughout the dairy, food, brewing and soft-drinks industries.

KLENZ 2 is ideally suited for the breaking-down and removal of organic matter, fats and greases, where Klenz 2's antifoaming surfactant system will help control any soaps and surface-active derivatives formed, especially in situations with high mechanical action e.g. CIP (Cleaning In Place) systems.

KLENZ 2 is best circulated at temperature: the reason for this is that speeds of clean are increased (with the melting of fats and grease) and **KLENZ 2**'s antifoaming system is at its most efficient (>40°C). However even at low temperatures the foam level is only low and readily collapses. **KLENZ 2** is suitable for use in all water hardnesses.

USE INSTRUCTIONS

CIP/Circulation systems

e.g.: FVs; raw and finished milk tanks; bottlewashers

Use **KLENZ 2** at 1 - 3%v/v, depending on water hardness and caustic level required, temperature 10 - 80°C.

1% v/v Klenz 2 = 0.40% w/w NaOH

PRODUCT CHARACTERISTICS

Composition	Contains sodium hydroxide, a special blend of de-foaming surfactants and a threshold sequestering system.
Appearance	Opalescent liquid
Colour	Off White
pH (1% v/v)	>13
Specific Gravity	1.34
Solubility	Soluble in water
Freezing Point	0 - 5°C
Nitrogen (N) content	0.5 g/kg
Phosphorus (P) content	1 g/kg
COD	30 g/kg



MATERIALS COMPATIBILITY

KLENZ 2 can be used on materials commonly used within the food industry, with the exception of mild steel, carbon steel, galvanised materials and copper and its alloys.

SAFETY

Carefully read the safety data sheet of **KLENZ 2** and follow the chemical handling and disposal guidance.

STORAGE

Store **KLENZ 2** in its original packaging between 5°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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