

product information

KLENZ 2

Caustic soda-based CIP detergent with antifoam system

General Description and Features

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 contains a special blend of de-foaming surfactants and a threshold sequestering system. It is suitable for all water hardnesses.

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

Application

CIP/Circulation systems

e.g.: FVs; raw and finished milk tanks; bottleshwashers
Use at 1 – 3%v/v, depending on water hardness and caustic level required (see calculation guide below): temperature 10 - 80°C.

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

Test Method

A suitable test method is available on request.

Properties

Appearance:	Opalescent liquid
Specific Gravity (20°C):	1.34
Freezing Point (°C):	0 - 5
pH (1%v/v):	>13
Solubility in water:	Soluble
COD:	30 g/kg
Nitrogen (N) content:	0.5 g/kg
Phosphorus (P) content:	1 g/kg

Please note these are typical figures and do not constitute a specification.

Storage and Handling

Always store in original container away from extremes of temperature.

Read Safety Data Sheet (SDS) before handling product.

Pack sizes

Bulk
1000 litres
200 litres
25 litres

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