



KLENZKLOR EXTRA

Chlorinated caustic detergent with hard water capability

DESCRIPTION & APPLICATION

KLENZKLOR EXTRA is a heavy duty, caustic based, low foam detergent containing sodium hypochlorite, with many applications in CIP, machine and spray-washing in the food and beverage industries, especially in hard-water areas.

KLENZKLOR EXTRA contains sodium hydroxide (dissolves fats and breaks down organic matter), sodium hypochlorite (which breaks down milk, brewing and food proteins such as brown tannin stains) and a high-level blend of organic additives, which provide:

- sequestration/chelation of hard water and metal salts such as calcium and magnesium
- crystal modification
- soil suspension and anti-redeposition
- threshold properties (important for efficient and effective rinsing, especially in hard water).

KLENZKLOR EXTRA is a very versatile product; examples of its cleaning applications are fish, poultry, general food and red meat plants as well as for dairy (including milking parlour) and also brewing processing equipment.

KLENZKLOR EXTRA is suitable for use right up to very hard water e.g. a typical 2%v/v solution can cope with >500ppm water hardness: contact Christeyns Food Hygiene for optimisation of concentrations.

USE INSTRUCTIONS

KLENZKLOR EXTRA is generally used at 1 - 3% v/v up to a maximum temperature of 50°C, either by circulation, machine or soak cleaning methods.

KLENZKLOR EXTRA is not recommended for use above 50°C as corrosion could occur even on stainless steel.

1% v/v **KLENZKLOR EXTRA** = 0.16% w/w NaOH

PRODUCT CHARACTERISTICS

Composition	Contains sodium hydroxide, sodium hypochlorite and a high-level blend of organic additives
Appearance	Clear liquid
Colour	Yellow
pH (1% v/v)	12.7
Specific Gravity	1.25
Solubility	Soluble in water
Freezing Point	<-5°C
Nitrogen (N) content	0 g/kg
Phosphorus (P) content	0 g/kg
Available Chlorine (1%)	500ppm



MATERIALS COMPATIBILITY

KLENZKLOR EXTRA is only suitable for use at recommended concentrations on stainless steel and certain plastic surfaces and in automatic and CIP equipment.

SAFETY

Carefully read the safety data sheet of **KLENZKLOR EXTRA** and follow the chemical handling and disposal guidance. DO NOT mix with acids.

STORAGE

Store **KLENZKLOR EXTRA** 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: Six months from manufacture.

PACKAGING

1000 litres
200 litres
25 litres

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