



TECHNICAL DATA SHEET

ALKALINE CIP LF CAUSTIC BASED CIRCULATION CLEANING

PRODUCT DESCRIPTION

Alkaline CIP LF is specifically designed for circulation cleaning or C. I. P. in dairies, brewing, bottling and food manufacturing plants. **Alkaline CIP LF** is a medium caustic liquid product, with a built in- low foam detergent containing no Chlorine. The low foam characteristics are best suited to C.I.P cleaning especially where systems have a high sugar residue.

Alkaline CIP LF has the following advantages

- High caustic content and low foam surfactants allows it to emulsify and saponify the heaviest deposits of oils and fats.
- It has long tank life with low dilution rates.
- The wetting agents and sequestrants incorporated in the product ensure that soil films are easily penetrated.
- Rinsing is easily facilitated to leave surfaces bright and deposit free.

DIRECTION FOR USE

For routine cleaning in Dairies, Brewing and Bottling plants we recommend the following:

Concentration	0.8% - 2.0%
Temperature	Ambient to 80°C **Application dependant
Pressure	1.0 – 2.0 BAR
Residence time	8-15minutes
Rinse time	3 – 8minute

Used in the above concentration it will be found that while cleaning is quite sufficient for most applications, rinsing will be far quicker, with far less water used. Surfaces will also be left brighter.

FURTHER TECHNICAL DATA

Appearance:	Clear to Amber Liquid
Relative Density:	1.29
pH:	>13
UN Number	1824
Certifications	SANS 1828 (INTERTEK)

HEALTH AND SAFETY

Strong alkaline solution. If contact is made with eyes, flush with large volumes of water and consult your doctor. Avoid prolonged contact with skin.
Please refer to Material Safety Data Sheet

ORDERING INFORMATION

Product Number	Product Name	Pack Size
CPL005	ALKALINE CIP LF 5LT	5LT
CPL025	ALKALINE CIP LF 25LT	25LT
CPL200	ALKALINE CIP LF 200LT	200LT
ABD100	ALKALINE CIP LF 1000LT	1000LT

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Notice to reader:

This TDS summarizes at the date of issue, our best knowledge of the health, safety and environmental hazard information related to the product, and in particular, how to safely handle, use and transport the product in the workplace. Since Orlichem (Pty) Ltd and its subsidiaries cannot anticipate or control the conditions under which the product may be handled, used, stored or transported, each user must, prior to usage, review TDS in the context of how it is to be handled.

We shall not assume any liability for the accuracy or completeness of the information herein or any advice given. Product is sold subject to our standard terms and conditions.