

TECHNICAL BULLETIN



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CLEANVAP CIP

MATERIAL & FUNCTION

CLEANVAP CIP is a heavy duty Potassium Hydroxide based cleaning solution. It is specially formulated for the single stage in-place cleaning of heat modified, high calcium deposits in evaporators, spray dryers and other susceptible equipment in the dairy industry. The use of **CLEANVAP CIP** is also ideal for plant cleaning by CIP methods in hard water situations.

CLEANVAP CIP has the added advantage of being sodium free which makes it ideal when plant effluent is used for field irrigation.

APPLICATION

H.T.S.T., UHT, EVAPORATORS: The use concentration will vary with the length of the production run and the hardness of the cleaning water but usually falls in the range of 1.0-3.0% v/v. Circulation times are in the region of 40 minutes at 70-82°C.

SPRAY DRYERS: Usual concentration is 1.0 – 3.0% v/v at 70 – 80°C. The high level of sequestering and wetting agents helps reduce the frequency of Acid Cleaning

CHEESE MAKING EQUIPMENT: Ideal for soils high in calcium and protein. **CLEANVAP CIP** can be used at 1-2%v/v at 70-85°C and reduce acid cleaning cycles to once per week. Cleaning and rinse times can also be reduced due to superior wetting and rinsing ability.

BULK MILK TANKERS, RAW & FINISHED MILK TANKS, SILOS & PIPELINES -
Circulate a 1.0-2.0% v/v Solution of **CLEANVAP CIP** at 70-80°C for 15-30 minutes. No acid step is required.

CONTROL & DOSE - Equipment is available for controlling and monitoring **CLEANVAP CIP** solutions.

PACKAGING

15, 200 & 1000 Litre containers

IMPORTANT NOTICE TO CUSTOMER

Since the use of this product is beyond the control of either seller or manufacturer, their only obligation shall be to replace any quantity of product which is proven defective. They cannot assume any risk or liability in excess of the purchase price of the product itself, which does not include labour or any consequential damages resulting from the use of this product. Determining the suitability of this product for any intended use shall be solely the responsibility of the user. ALWAYS TEST FIRST.