

CIP Alkaline Cleaning Agent (Food Grade)

Cat. No. CACG-0001

Lot. No. (See product label)

Introduction

Description

CIP Alkaline Cleaning Agent (Food Grade) is a concentrated, low-foaming liquid alkaline detergent designed for circulation cleaning of food and beverage processing equipment. It helps remove fats, proteins, carbohydrate residues, and other organic soils while supporting automated clean-in-place operation.

Applications

Clean-in-place cleaning of compatible tanks, pipelines, heat exchangers, pasteurizers, fillers, kettles, fryers, cookers, dairy processing circuits, brewery equipment, beverage lines, and other closed food-processing systems.

Synonyms

Alkaline CIP detergent; Liquid caustic CIP cleaner; Alkaline circulation cleaner

Product Information

Appearance

Clear, pale yellow liquid

Form

Liquid

Function

Low-foaming alkaline circulation cleaning and removal of organic food soils, including fats, proteins, carbohydrates, and cooked-on residues.

Grade

Food Grade

Notes

For cleaning food-processing equipment and closed process systems only. It is not intended for direct addition to food. Operating conditions must be validated for the specific equipment, soil type, water quality, and construction materials.

Advantages

Low foaming under high-turbulence circulation Effective removal of fats, proteins, carbohydrates, and other organic soils Suitable for automatic dosing and conductivity control Applicable to food and beverage CIP programs Free-rinsing when followed by a thorough potable-water rinse

Usage

1. Pre-rinse the processing system with water to remove loose product residues. 2. Prepare a 0.5–5.0% w/w working solution, approximately 0.3–3.4% v/v, according to the soil load and equipment design. 3. Circulate at 55–80 °C under sufficient turbulent flow. Use a validated contact time for the specific system; representative alkaline CIP programs commonly use approximately 10–30 minutes. 4. Drain the cleaning solution and rinse all food-contact surfaces thoroughly with potable water until deter

Storage and Shipping Information

Storage

Store in the original tightly closed container in a cool, dry, well-ventilated area. Keep below 40 °C and protect from heat and incompatible materials. Follow the applicable safety data sheet for the selected formulation.