

CoolCIP™

Reduced Temperature Detergent

Product Number 2227

CoolCIP™ is a patented, highly concentrated alkaline, chlorinated liquid detergent for use in CIP, spray and COP applications in dairy, food, beverage and egg processing operations. The special surfactant package gives CoolCIP™ the punch to handle heavy protein soils even when cleaning at lower temperatures. CoolCIP™ is non-foaming, chlorinated, fast draining and free rinsing – premium performance in one convenient product. CoolCIP™ is specifically for use in cleaning cold process surfaces.

How CoolCIP™ Works

CoolCIP™ removes butterfat, milk protein, and food soils from equipment in dairy, food, meat, and poultry processing plants. CoolCIP™ is an energy saving concentrated chlorinated alkaline detergent. The combination of a superior surfactant package with high chlorine concentration under alkaline conditions allows for efficacious cleaning at temperatures as low as 85°F (depending on application).

CoolCIP™ changes the nature of conventional chlorinated alkaline cleaning through its ability to remove heavy protein and organic soils without the need for elevated wash solution temperatures on cold process equipment surfaces. CoolCIP™ is a highly concentrated alkaline, chlorinated liquid, low foam circulation detergent that contains a unique surfactant package to help facilitate removal of proteinaceous soils even when cleaning at lower temperatures such as 85°F. It is not an additive and does not require additional chemical compounds to clean effectively and efficiently. It was designed to reduce the time and energy required for conventional circulation and spray cleaning of cold processed dairy, food, meat, and poultry processing plants, while helping to enhance your plant's sustainable footprint.

Benefits

- Removes heavy protein and fat soils at temperatures as low as 85°F
- Time, energy and labor savings
- Reduces cleaning time thus increasing production time
- Increase product throughput
- Eliminates need to boost alkaline detergents with chlorine
- Decrease process vessel turnaround time
- Safe on equipment and surfaces
- Formulated to reduce surface tension

Features

- One part solution
- Patented built chlorinated alkaline detergent
- High Chlorine + lower alkalinity
- Contains specialized hydrotrope - increases fat and protein solubility at low temperatures
- Low foaming
- Ideal for CIP applications
- Fast drying and free rinsing
- Effective in water with low to moderate hardness
- COOL CIP is compatible with SS and rubber

Properties

- Appearance Clear, light yellow to light amber liquid
- Total alkalinity..... 23.0 - 25.0 %w/w Na₂O
- pH (1% w/w in DI water) 11.8 – 13.5

Directions for Use

Method

CoolCIP™ is designed for soak, spray and circulation cleaning of tanks, lines, and all stainless steel equipment. After cleaning, post-rinse with potable water. Sanitize as required.

Concentration

Concentration: ½ to 2 ounces CoolCIP™ per gallon of water.

Temperature: Recommended wash temperature is 85°F (Range of cleaning: 85°F to 150°F).

Cleaning Time: As required. Surface should not become dry during cleaning.

Consult your DeLaval Cleaning Solutions representative for questions on specific applications.

Safety Information

IF ON SKIN OR CLOTHING

Remove/Take off immediately all contaminated clothing. Rinse skin with water/shower. Wash contaminated clothing before reuse.

IF IN EYES

Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Immediately call a Poison Control Center or doctor/physician..

IF SWALLOWED

Rinse mouth. Do not induce vomiting.

IF INHALED

Remove victim to fresh air and keep at rest in a position comfortable for breathing. Immediately call a Poison Control Center or doctor/physician.


Consult your Safety Data Sheet for additional safety information

For more information about this product or any of our other products and services please visit our website at www.delavalcleaningsolutions.com or contact us at 1-800-447-8370.



DeLaval Cleaning Solutions a
division of DeLaval Inc.
11100 North Congress Avenue
Kansas City, MO 64153-1296
Phone: 1-800-447-8370

<https://cleaningsolutions.delaval.com/>

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