

COOL CIP

Reduced Temperature Detergent Product Number 882227

Purpose and Use

COOL CIP 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 COOL CIP the punch to handle heavy protein soils even when cleaning at lower temperatures. COOL CIP is non-foaming, chlorinated, fast draining and free rinsing – premium performance in one convenient product. COOL CIP is specifically for use in cleaning cold process surfaces.

How COOL CIP Works

COOL CIP removes butterfat, milk protein, and food soils from equipment in dairy, food, beverage and egg processing plants. Cool CIP 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 as low as 85°F (depending on application).

Benefits

- Time, energy and labor savings
- Reduces cleaning time thus increasing production time
- Increase product throughput
- Decrease process vessel turn around time
- One part solution
- Eliminates need to boost alkaline detergents with chlorine
- Safe on equipment and surfaces

Discussion

COOL CIP 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. COOL CIP 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 100°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, beverage and egg processing operations, while helping to enhance your plant's sustainable footprint.

Features

- Patented built chlorinated alkaline detergent
- High Chlorine + lower alkalinity
- Contains specialized hydrotrope - increases fat and protein solubility at low temperatures
- Low foaming
- Removes heavy protein and fat soils at temperatures as low as 85°F
- Ideal for CIP applications
- Fast drying and free rinsing
- Effective in water with low to moderate hardness

Directions for Use

COOL CIP is designed for spray and circulation cleaning of tanks, lines, and all stainless steel equipment.

Method

Soak, circulation, and spray cleaning. After cleaning, post-rinse with potable water. Sanitize as required.

Concentration

1/2 to 2 ounces COOL CIP per gallon of water.

Temperature

Start wash temperature at 100°F (Range of cleaning: 85°F to 150°F).

Cleaning Time

As required. Surface should not become dry during cleaning.

Compatibility

COOL CIP is compatible with SS and Rubber.

pH Range

Alkaline (pH > 12)

Contact your local DeLaval Cleaning Solutions Sales representative to create a program specific to your needs.

Safety Information

IF ON SKIN

In case of contact, immediately flush skin with plenty of water for at least 15 minutes while removing contaminated clothing and shoes. Wash clothes before reusing.

IF IN EYES

In case of contact, immediately flush with plenty of water for at least 15 minutes.

Get immediate medical attention.

IF SWALLOWED

Rinse mouth with water. Do not induce vomiting. Never give anything by mouth to an unconscious person. **Get immediate medical attention.**

IF INHALED

Immediately move to fresh air. If not breathing, give artificial respiration, preferable mouth-to-mouth. If breathing is difficult, give oxygen. **Get immediate medical attention.**

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.

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