



# Divoflow<sup>TM/MC</sup> 185

# VC41

## Special Alkaline CIP Cleaner

### Description

Divoflow<sup>TM/MC</sup> 185 cleaner is a non-chlorinated, non-phosphated alkaline circulation detergent designed for use in food, dairy and beverage processing plants.

### Effective

- Effectively removes fat and carbohydrate soils

### Versatile

- Can be used in hot sanitizing operations (beverage plants)
- Works in hard water

### Easy-to-Use

- Suitable for automatic feeding and control

### Cost-Effective

- Rinses quickly
- Reduces water usage
- Ability to circulate

### Low Foaming

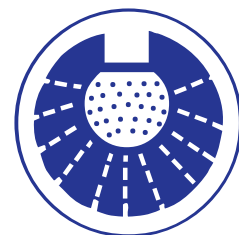
- Can be circulated with no pump cavitation

### Phosphate Free

- Reduces phosphorus in effluent
- Acceptable for use in areas that restrict phosphates

### Discussion

Divoflow<sup>TM/MC</sup> 185 cleaner is a non-phosphated, non-chlorinated, low foam, alkaline circulation detergent. It can be used at temperatures up to 93°C (200°F). In a beverage plant where hot water sanitizing is used prior to production, this product can be circulated with hot water to clean the system at the same time it is being sanitized. This saves a significant amount of energy, water and time. Chelating agents present in this product provide excellent detergency and enable it to be used in water hardness up to 175 ppm (10 gpg) as calcium carbonate. It can be fed and controlled automatically.



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### Use Instructions

#### General Circulation Cleaner:

1. Rinse surface to remove gross soil particles.
2. Circulate a solution of 2–15 mL/L (0.25–2 oz./U.S. gal.) for 15–20 minutes depending on soil load.
3. Thoroughly rinse with potable water.
4. Sanitize with the appropriate Diversey sanitizer.

**NOTE:** Chlorine may be added to the use solution to formulate a suitable chlorinated cleaning-in-place (CIP) detergent. Maintain the chlorine levels between 60–200 ppm.

#### Use as a Hot Sanitizing Detergent:

1. Rinse surface to remove gross soil particles.
2. Circulate a solution containing Divoflow<sup>TM/MC</sup> 185 cleaner at concentration.
3. Ramp temperature up to HOT SANITIZING level of 85–93°C (185–200°F).
4. Circulate at temperature for 15–30 minutes.
5. Cool down with potable water.

#### Case Washing:

1. Circulate a solution of 2–5 mL/L (0.25–0.66 U.S. oz./U.S. gal.) at 54–60°C (130–140°F).
2. Clean wash screen at least once a day.

### Technical data

Certification	Acceptable for use in food processing facilities
Form/Color	Clear colorless to amber, liquid
Scent	No fragrance added
Specific Gravity	1.114
pH (1:167)	11.0
% P	0.0
% Free Alkalinity (Na <sub>2</sub> O)	6.9

The above data is typical of normal production and should not be taken as a specification.

### Safe handling and storage information

Store in original closed containers, away from extreme temperatures. Full guidance on the handling and disposal of this product is provided in a separate Safety Data Sheet.

### Product compatibility

Solutions of this product are safe to use on 300 Series stainless steel when applied at recommended concentrations and temperature. Do not use this product on soft metals such as aluminum, galvanized, copper, brass, etc.

### Test Kit

Alkaline Test Kit #409879

### Precautionary Statement

Refer to current Safety Data Sheet.