



F&B Cirguard[®] 7

Liquid corrosion inhibitor and conditioning agent

Description

Cirguard[®] 7 inhibitor is a clear, odorless, non-foaming liquid designed to control corrosion and prevent lime scale deposits in brewery pasteurizers and beverage can warmers/coolers.

Effective

- Reduces clean-up time by preventing scale and deposit formation
- Blended inhibitors provide complete corrosion control on ferrous and non-ferrous metals including beverage cans

Economical

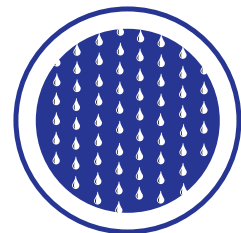
- Concentrated liquid is automatically dispensed and controlled for accuracy, consistency and cost-effectiveness

Non-Foaming

- Suitable for all high agitation applications

Discussion

Cirguard[®] 7 inhibitor is designed to be used alone or as part of Diversey's pasteurizer treatment system. Used together with a Diversey biocide, it effectively controls corrosion, lime scale deposits and bacterial fouling of brewery and beverage pasteurizers. A two-part chemical system means that dosing of each compartment of the pasteurizer can be adjusted for different conditions. When used through Diversey's Pastmaster microprocessor controlled feed system, total control of corrosion and bacteria is assured. It will effectively control dome top staining on beverage cans.



Diverguard



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Use Instructions

Cirguard[®] 7 inhibitor can be used at concentrations in the range of 0.06–0.2% v/v, depending on:

1. Water hardness
2. Temperature (corrosion is generally greater in the hot zones)
3. Water turnover, including overflow and water carried out with bottles or cans. The frequency of dosing will generally depend on the solution turnover, i.e., losses due to overflow or solution carried out of the pasteurizer on bottles or cans. Typical operating conditions would be 0.12% v/v of Cirguard[®] 7 inhibitor dosed at intervals of eight hours, dosed either manually or automatically.

Volume of Cirguard[®] 7 (mL)

Water Volume	0.06%	0.10%	0.20%
1000 L	600	1000	2000
2000 L	1200	2000	4000

Technical data

Certification	Acceptable for use in food processing facilities
Form/Color	Clear pale straw liquid
Scent	No fragrance added
Specific Gravity	1.087
pH (1%)	7.5
% P	1.16
pH (neat)	8.25

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

Mild steel coupons in a 0.1% aerated solution of Cirguard[®] 7 inhibitor show a low corrosion rate of 2 mils per year, compared to mild steel corrosion in tap water of 26 mils per year under the same conditions.

This product inhibitor inhibits corrosion of copper and aluminum.

Test Kit

No test kit needed

Precautionary Statement

Refer to current Safety Data Sheet.