



BRELTAK^{TM/MC}

VC20L

Defoamed Powdered Caustic Detergent for Hard Water

Description

Breltak cleaner is a powdered, low foam, heavy duty caustic based detergent suitable for hard water. It can be used for a wide range of applications across all food and beverage industries.

Effective

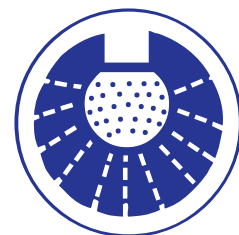
- Provides a high level of causticity for the removal of tenacious soils
- Low foam wetting properties provide improved cleaning efficiency
- Inhibits scale build-up and prevents nozzle blockage

Cost-Effective

- Gives highly cost-effective cleaning performance
- Maintenance frequency, time and associated costs can also be reduced

Discussion

Breltak cleaner is a highly active caustic-based powdered detergent with low foaming properties and is suitable for use in medium to hard water. It is highly effective at removing a wide range of organic soils and preventing scale build-up. This product can be used for a wide range of applications including clean-in-place (CIP), bottlewashing, keg washing, floor cleaning, fryer/cooker boil-outs and degreasing of new equipment.



Diverflow



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Use Instructions

Breltak cleaner is typically used at 10–40 g/L (1.5–6 oz. / U.S. gal.) at temperatures ranging from ambient to 80°C (176°F) depending upon soil type and water hardness. It can also be used at much higher concentrations for a wide variety of applications (e.g. at 100–150 g/L (13–20 oz. / U.S. gal.) for tartrate removal in the wine industry). All detergents and disinfectants should be thoroughly rinsed after use to remove them from all food and beverage contact surfaces.

Bottlewashing

Before the washer is charged with Breltak cleaner, it should be carefully examined for scale accumulations. If scale is present, the machine must be descaled with inhibited hydrochloric acid (contact your Diversey representative for product recommendations). This is necessary because when this product is charged in the washer, scale remaining on the machine will loosen and fall off in chunks, causing clogging of the jets and other mechanical difficulties. In addition, Breltak cleaner will actually dissolve some scale, thus using up or dissipating a portion of the scale controlling ingredients so there may not be a sufficient amount remaining to prevent new scale formulation. This product must be pre-dissolved before addition to the bottlewasher. It is completely soluble in water up to approximately 40% by weight for preparing stock solutions. Solutions should always be prepared in cold water by the slow addition of the Breltak cleaner to the cold water.

CAUTION: Care must be taken when preparing stock solutions, as when adding this product to water there will be a rapid temperature rise with boiling and spraying of the hot solution if added too rapidly.

The recommended use concentration and temperature depends upon the appropriate state or provincial regulations or the recommendations of your Diversey Representative.

Technical data

Certification	Acceptable for use in food processing facilities
Form/Color	Opaque white powder
Scent	No fragrance added
Bulk Density	0.96
pH (1%)	12.1
% P	1.01
% Free Alkalinity (as Na ₂ O)	62
% Total Alkalinity (as Na ₂ O)	70.05

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

Breltak

% w/w	Specific conductivity at 25° C [mS/cm]
0.5	26.0
1.0	49.0
2.0	91.0
3.0	127.0

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

Breltak cleaner is safe for use on materials commonly found in the beverage and food industry when applied under the recommended conditions. In the event of uncertainty it is advisable to evaluate individual materials before any prolonged use.

Test Kit

Test Kit #409239

Precautionary Statement

Refer to current Material Safety Data Sheet.