



ADJUST^{TM/MC}

VB29

Additive for Caustic

Description

Adjust^{TM/MC} additive is a concentrated liquid specifically formulated for use with liquid caustic in circulation, spray cleaning systems and bottle washers to control water hardness and improve detergency.

Low Foaming

- Effective defoaming at all temperatures increases soil holding capacity of cleaning solution

Cost-Effective

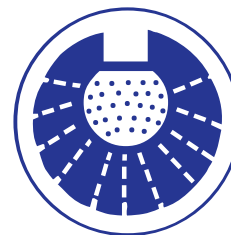
- Concentrated liquid is economical and convenient to use, reducing time and product cleaning costs
- Excellent stability in strong alkalis providing long solution life

Effective

- Prevents filming, reducing bottle rejects by improving alkali drainage from glass surfaces
- Blended surfactant promotes label removal and soil dispersion system
- Control beerstone and reduces the frequency of equipment and surface water scale descaling

Discussion

Adjust^{TM/MC} additive combines water sequestering, penetrating and wetting agents specifically formulated for use with liquid caustic. It prevents filming of surfaces, a common occurrence when liquid caustic solution is used by itself. This product controls the foaming conditions commonly encountered when using liquid caustic solution to spray clean evaporators, brew kettles, beer fermenters and beer storage tanks. This foam control is effective at all solution temperatures and continues even as heavy soil load conditions build up in the cleaning solution. It also speeds up label removal and promotes rapid rinsing when used with caustic in bottle washers. Soils, glue, label fragments and ink pigments are dispersed and thus prevented from being redeposited on cleaned equipment or washed bottles.



Diverflow



Divobrite



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Use Instructions

This product should be added to the cleaning solution at the solution tank. At this point it will mix readily. Normal usage is one quart per 100 gallons (250 mL per 100 liters) of solution. Very hard water (in excess of 20 grains) may require 2 quarts per 100 gallons (500 mL per 100 liters) of solution. Adjust^{TM/MC} additive is not soluble in straight 50 percent liquid caustic and can best be used by adding directly to liquid caustic which has been diluted to 20 percent or less causticity. Do not attempt to add Adjust^{TM/MC} to 50 percent caustic in bulk tanks as it will float on the surface. Adjust^{TM/MC} additive can be automatically injected with 50 percent liquid caustic to feed bottle washers.

Brewhouse Cleaning:

Use 1 quart of Adjust^{TM/MC} additive per 100 gallons (250 mL/100 L) of solution. Normal caustic concentration for this cleaning is 2–4 percent and the temperature of the solution is 170–180°F (77–82°C).

Bottlewashing:

The required concentration varies with the type of washer, degree and type of soil and water hardness. In the soak section (2-4 percent caustic), where label removal and initial cleaning takes place, 1 quart per 100 gallons of solution (250 mL/100 L) is recommended. Under conditions of very hard water, 30 gpg (510 ppm) or more, the amount of Adjust^{TM/MC} additive should be doubled. One pint per 100 gallons (125 mL/100 L) is generally recommended for the rinse sections.

Fermentation and Storage Tanks:

One quart/100 gallons (250 mL/100 liters) of cleaning solution is normally adequate when used at typical cellar solution concentrations of 0.75–1.0 percent caustic.

Technical data

Certification	Acceptable for use in food processing facilities
Form/Color	Clear, yellow liquid
Scent	Musty
Specific Gravity	1.23
pH (1%)	11.5
% P	0.62
pH (neat)	12.455
% Free Alkalinity (Na ₂ O)	1.35
% Total Alkalinity (Na ₂ O)	4.0

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.

Test Kit

No test kit needed

Precautionary Statement

Refer to current Safety Data Sheet.