



DRAFT CHOICE™

BEER LINE CLEANER

REMOVES DRAFT LINE RESIDUES

For Beer Lines, Couplers, Taps and Brewery Equipment

A chelated caustic detergent which helps eliminate bio-film, yeast residue, hop resins, bacteria, mold, sugar and protein build-up that accumulate in porous polymer beer tubing. Assures clean draft lines and consistently flavorful beer. Suitable for well maintained or heavily soiled lines. Contains a blue dye indicator to assure complete line flushing and chemical neutralization. Meets the standards for beer line detergents established by the Brewer's Association in its "Draft Beer Quality Manual." Very low foaming and highly concentrated.

Directions for Use

1. This product is highly corrosive. Before use, read and understand the hazard information on the right panel as well as the Safety Data Sheet for this product. ALWAYS wear the recommended personal protective equipment when handling or working with this product.
2. Remove the beer faucets and couplers for hand cleaning and gasket inspection.
3. Using an electric recirculating pump (the method preferred by the Brewers Association), push beer out of draft lines by pumping clean, warm water in (80 - 110°F). Leave water in the lines. Fill the cleaning solution circulating tank or reservoir with warm water.
4. Using the following formula, calculate the liquid volume the draft line system will hold (consult your Service Representative if you need assistance with this). Make sure to include the volume in the draft lines themselves as well as the volume of the cleaning solution reservoir.

Example: 10' of standard 3/8" ID draft line holds 0.057 gallons
 + the volume of the cleaning solution reservoir
 = Liquid Volume

5. Using the liquid volume calculated in step 4 above, add the correct amount of this detergent to the water in the cleaning solution reservoir, based on the soil level to be cleaned:

For routine cleaning of well-maintained draft lines: Use 7 oz. per gallon of water (2% caustic solution).

For cleaning neglected/heavily soiled draft lines: Use 11 oz. per gallon of water (3% caustic solution).

Example: Liquid Volume = 2 gallons
 Routine cleaning of normal soil level: 7 oz./gal. x 2 gals = 14 oz. of this product
 Cleaning neglected lines/heavy soil: 11 oz./gal. x 2 gals = 22 oz. of this product

6. Mix the detergent into the water in the cleaning solution reservoir until it is uniform.
7. Using the pump, circulate the cleaning solution through the draft lines (in the opposite direction of the beer flow), back into the reservoir, then back through the lines again. A pump rate of 1-2 gallons per minute is recommended. Continue circulating detergent solution for a minimum of 15 minutes to assure complete cleaning. Maintain a solution temperature of 80 - 110°F.
8. If static or pressure pot cleaning processes are used, pump detergent solution into lines until water has been completely displaced. Allow detergent to remain in lines for a minimum of 20 minutes before purging with clean water.
9. When the cleaning period is complete, push a sponge or brush through the lines to loosen soils.
10. Flush the cleaning solution out of the lines with clean water into the drain. Flush for at least 5 minutes until all chemical residue and visible debris has been removed. Color tint of solution should be completely eliminated and solution should be water clear. Use pH test strips (or a pH meter) to assure that the exiting solution has been completely neutralized and solution pH matches that of tap water.
11. The Brewer's Association recommends that this procedure be performed every two week (14 days) to assure optimum beer taste.

Safety Reminder

Consult product label and Safety Data Sheet (SDS) before use. SDS's may be downloaded from www.crown-chem.com.



Technical Specifications

Appearance	Blue Liquid
Odor	Characteristic
pH (1% solution, 22°C)	>11.5
Foaming	Very Low
Flash Point	None
Bulk Density (lbs/gal, 22°C)	11.78 ±0.1
Stability Range	50-100°F
Free Alkalinity (as Na ₂ O)	Very High
Solubility (in H ₂ O, 22°C)	100%
Phosphate Content (as P)	None

Product Number

18706
 18741
 18755

Packaging

6x1 qt. case
 4x1 gal. case
 55 gal. drum