

Green Line

Draught Equipment Cleaner

Green Line utilizes a superior, high quality blend of surfactants and detergents to safely and quickly remove buildup in draught beer lines. While other beer line cleaners use high concentrations of dangerous caustics (similar to drain openers) to burn out beer lines, Green Line cleans safely and effectively without the corrosive chemicals that can harm equipment, cleaning personnel or patrons. Green Line's bright, florescent green, food grade dye facilitates the complete rinsing of draught beer lines, eliminating the risk of cleaning solution being left in the lines. Green Line ensures that patrons receive the best tasting beer possible, time and time again.



APPLICATION & MAINTENANCE

- For initial cleaning of neglected lines Mix 4 ounces of **Green Line** with 1 gallon (30 ml per liter) of warm or hot water.
- For routine cleaning of draught lines and equipment mix 1 to 2 ounces of **Green Line**, per gallon (7.5 - 15 ml per liter), depending on cleaning schedule, with warm or hot water.
- Introduce the cleaning solution into the draught lines.
- When the liquid exiting the tap is *bright green*, shut off the flow and allow the lines to soak for 6 to 10 minutes.
- Flush the green solution from the lines with clean water until it runs clear.

Cleaning efficiency comparisons between a commercially available caustic line cleaning compound and Green Line was determined using an average percentage removal rate after using a 2% solution concentration @ 25° C, a 2 hour immersion, and a 2 minute clean water rinse at 50° C . The deposit consisted of proteinaceous matter, dextrin, mold fragments, and oxalate crystals in skin, flake and granular form.

% of deposit removed from 5/16" tubing

Caustic Line Cleaner
55%

Green Line
90%

% of deposit removed from 1/2" tubing

Caustic Line Cleaner
40%

Green Line
82%

SPECIFICATIONS

Active Ingredients	Complex concentrate of synthetic detergents and alkaline cleaning agents
pH	13.0 ± 0.5
Free Ammonia	None
Free Alkali	None
Free Acid	None
Phosphates	None
Abrasives	None
Color	Florescent Green
Odor	Mild Detergent Odor
Solubility in Water	100%
Freeze/Thaw Stability	3 cycles
Shelf Life	Min.1 year (30°F.-125°F.)
Flash Point	None
Weight Per Gallon	8.6
Biodegradable/Soil Suspension	Yes

SAFETY INFORMATION

Health	2
Flammability	0
Reactivity	0
Personal Protection	B

Read Safety Data Sheet thoroughly before using.

This product is not a hazardous mixture as defined by OSHA 29 CFR 1910.1200 or DOT 49 CFR 173.

Concentrated product can cause eye and skin irritation. Safety glasses and gloves should be worn during handling and use.

In the event of skin or eye contact, flush thoroughly with clean water. If irritation occurs seek medical attention. In case of ingestion seek immediate medical treatment.



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