

## CLEANERS

**CAUSTICLEAN 454**

Heavy duty low-foaming CIP detergent

**Properties**

CAUSTICLEAN 454 is a premium low foaming cleaning compound that is designed for use with CIP systems in and around the brewery, winery, distillery or beverage manufacturing plant

CAUSTICLEAN 454 combines powerful alkalinity with the chelators and surfactants to deliver superior removal of organic soils, fats, proteins, and mineral films in hard and soft water conditions. This product also contains surfactants to speed the rinsing process, thus saving water.

**Applications**

- Brewery - fermenters and bright tanks
- Winery - bottling lines and storage vessels
- Dairy - pasteurizers, tanks, and piping
- Juice and beverage - CIP loops
- Food plant - equipment requiring periodic deep alkaline cleans

**Physical Properties**

Color	Pale Amber liquid, clear to hazy
Scent	Mild
Density (20 °C)	1.46 g/mL (12.18 lbs./gal)
pH	>12

**Directions for Use**

Typical dilution rates will vary depending on type of soil, duration of soil on surface and other factors.

General use recommendations are as follows: dilute 1-6 fl. oz. per gallon of 140-160 °F water. Allow detergent to circulate or soak for 10-15 minutes or longer depending on degree of soil. Afterward, use a freshwater rinse. An additional rinse with a mild acid may be needed to remove any residual alkalinity prior to the final sanitizing step. Always make sure product is compatible with surfaces being cleaned.

**Packaging**

This product is available in 5-gallon pails and 55-gallon drums. Additional sizes available on request.

**Transport (DOT)**

UN1760, Corrosive Liquid, n.o.s. (Sodium Hydroxide), 8, PGII

**Important:** Read and understand label and Safety Data Sheet (SDS) for complete listing of hazards, precautions, first aid statements, and storage and handling information. MSDS Sheets are available from the distributor of this product. 24-Hour Emergency Response Line 1-800-262-8200.

**Product #**

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