



TECHNICAL DATA SHEET

440 CHELATED ALKALINE CIP CLEANER & STONE REMOVER

DESCRIPTION

ACE-M-ALL NO. 440 CHELATED CLEANER is a high alkaline liquid designed for use as a CIP/COP cleaner, a soak cleaner, and for use in spray wash systems. ACE-M-ALL NO. 440 CHELATED CLEANER is formulated with potassium hydroxide and a complex blend of chelating agents and water conditioners to effectively remove mineral and protein scales as well as controlling water hardness at high and low alkalinity ranges. ACE-M-ALL NO. 440 CHELATED CLEANER is ideally formulated for cleaning and removing beerstone from filler bowls, pipelines, stainless kegs, and fermenting and brew-house equipment.

- Low-Foaming – Ideal for CIP cleaning and spray wash systems
- Powerful blend of chelants - penetrates and removes tenacious scale deposits
- Free Rinsing – potassium hydroxide based formulation
- Highly effective in hard water conditions - controls hard water conditions throughout the pH range

DIRECTIONS

- For general cleaning, use 1 to 4 ounces of ACE-M-ALL NO. 440 CHELATED CLEANER per gallon of water. Adjust concentration as needed. Temperatures of 120 - 180 F are common for CIP cleaning. Recirculate as needed to dislodge and remove soils. Rinse well with fresh water.
- For beerstone removal, use 3-10% solution, heat solution up to 140F and recirculate as needed. Rinse well with fresh water.
- For specific use recommendations or answers to any cleaning or sanitation questions you may have, contact us at (800) 248-8515, or send us an email at info@acechem.com.

PROPERTIES

Form	Clear liquid
Color	Light amber
Odor	Slight
Density	1.20
pH of a 1% solution	12
Foaming	Low

Special considerations and notes: Avoid soft metals

Always observe label statements and follow the information contained in our Safety Data Sheets (SDS).

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