

BURCO® HCS-40HF

High Caustic and High Acid Stable, High Foaming, Amphoteric Surfactant

BENEFITS AND FEATURES

- Provides improved wetting and detergency to alkaline systems
- Freely soluble and stable in up to 40% caustic soda, high concentrations of monoethanolamine, and high levels of other alkaline builders
- Freely soluble and stable in up to 40% phosphoric acid
- High foaming
- Freely rinsing; leaves surfaces streak free
- Alkyl phenol ethoxylate (APE) free

TYPICAL APPLICATIONS

- Food plant cleaners
- Industrial cleaners
- Car wash detergents
- Acid coil cleaners
- Concrete cleaners

TYPICAL PROPERTIES

Appearance at 25°C	Clear liquid
pH (1% aqueous)	7
Activity, %	50
Cloud Point, °C	>100
Viscosity, cP @ 21°C	120
Density, lbs/gallon	9.0

FORMULATION GUIDELINES

- Burco HCS-40HF is freely soluble and stable in up to 40% NaOH and liquid caustic potash (45% KOH).
- Burco HCS-40HF is freely soluble and stable in 80% monoethanolamine.
- Burco HCS-40HF may not be compatible with silicates and phosphates. Depending on the amount of Burco HCS-40HF added, it is soluble in up to 10% anhydrous sodium metasilicate. It is also soluble in up to 15% tetrapotassium pyrophosphate. In mixed builder formulations, the solubility must be evaluated on a case by case basis.
- Burco HCS-40HF is freely soluble and stable in up to 40% phosphoric acid.

AVAILABILITY

Burcoterge HCS-40HF is available in 53-gallon, open-head, poly drums (475 lbs), in totes, and in bulk.

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