

BURCO® HCS-50NF

High Caustic Stable, No Foam, Amphoteric Surfactant

BENEFITS AND FEATURES

- Provides improved wetting and detergency to alkaline systems
- Oil splitting detergent, will not tend to emulsify soils
- Freely soluble in 50% caustic soda, high concentrations of monoethanolamine, and high levels of other alkaline builders
- Non foaming
- Freely rinsing; leaves surfaces streak free
- Alkyl phenol ethoxylate (APE) free

TYPICAL APPLICATIONS

- Food plant cleaners
- Brewery cleaners
- Metal finishing cleaners
- Bottle wash compounds
- Industrial dish cleaners

TYPICAL PROPERTIES

Appearance at 25°C	Clear liquid
pH (1% aqueous)	6.50
Activity, %	50
Cloud Point, °C	>100
Viscosity, cP @ 21°C	20
Density, lbs/gallon	9.60

FORMULATION GUIDELINES

- Burco HCS-50NF is freely soluble in liquid caustic soda (50% NaOH) and liquid caustic potash (45% KOH). Burco HCS-50NF is freely soluble in monoethanolamine. It has less compatibility with silicates and phosphates. Depending on the amount of Burco HCS-50NF added, it is soluble in up to 10% anhydrous sodium metasilicate. It is also soluble in up to 25% tetrapotassium pyrophosphate. In mixed builder formulations, the solubility must be evaluated on a case by case basis.
- To modify formulations where Burco HCS-50NF is less soluble, lower the level of silicate and/or phosphate. Solubility can be increased by adding more alkalinity (caustic soda or caustic potash).

AVAILABILITY

Burcoterge HCS-50NF is available in 53-gallon, open-head, poly drums (480 lbs), in totes, and in bulk.

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