

BURCO® HCS-1193NF

High Caustic and Acid Stable, No Foam, Amphoteric Surfactant

BENEFITS AND FEATURES

- Provides improved wetting and detergency to alkaline and acidic systems
- Oil splitting detergent, will not tend to emulsify soils
- Freely soluble in 50% caustic soda, high concentrations of monoethanolamine, high levels of other alkaline builders, and high levels of acids
- 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)	8.50
Activity, %	50
Cloud Point, °C	>100
Viscosity, cP @ 21°C	30
Density, lbs/gallon	9.70

FORMULATION GUIDELINES

- Burco HCS-1193NF is freely soluble in liquid caustic soda (50% NaOH) and liquid caustic potash (45% KOH). Burco HCS-1193NF is freely soluble in monoethanolamine. It has less compatibility with silicates and phosphates. Depending on the amount of Burco HCS-1193NF 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-1193NF is less soluble, lower the level of silicate and/or phosphate. Solubility can be increased by adding more alkalinity (caustic soda or caustic potash).
- Burco HCS-1193NF is soluble in up to 40% phosphoric acid and high levels of other acids.

AVAILABILITY

Burcoterge HCS-1193NF is available in 53-gallon, open-head, poly drums (500 lbs), in totes, and in bulk.

#10166

12/09

MDM