



## TRITON™ CG-600 Surfactant Product Information

### Chemical Description

Name: Alkyl Polyglucoside

Surfactant Type: Nonionic

### Benefits

- Mild
- Soluble in alkaline solutions
- Produces moderate to high stable foam
- Low Filming/Streaking
- Good detergency & wetting properties
- Readily biodegradable

### Applications

- Bottle washing
- Highly alkaline formulations
- Metal Cleaners
- Paint strippers
- Aluminum brighteners
- Glass cleaners
- Highly alkaline detergents
- Dairy cleaners

## Typical Physical Properties

Actives % / Solvent	50 / Water
Cloud Point <sup>(1)</sup>	>100
HLB <sup>(2)</sup>	-
CMC <sup>(3)</sup> / Surface Tension <sup>(4)</sup>	74.3 / 28.7
Foam Height <sup>(5)</sup>	80 / 80
Pour Point	6°C
Form <sup>(6)</sup>	Liquid
pH, 5% aq solution	11
Viscosity at 40°C (104°F), cSt	1643
Density at 40°C (104°F), g/mL	1.0942
Flash Pt, Closed Cup, ASTM D93	>100°C (est)

<sup>(1)</sup> Cloud point: °C, 1% Aqueous. <sup>(2)</sup> HLB Range: <10 w/o emulsifier, > 10 o/w emulsifier, <sup>(3)</sup> Critical micellization concentration: ppm at 25°C, <sup>(4)</sup> Surface tension: dynes/cm at 0.1% actives, 25°C, <sup>(5)</sup> Ross-Miles foam height: mm at 0.1 wt% actives 25°C, initial / 5 minutes <sup>(6)</sup> Form at 25°C

### Solubility and Compatibility

- Soluble in water
- Soluble in concentrated electrolyte solutions
- Chemically stable in the presence of acids, bases and salts
- Compatible with anionic, cationic, and other nonionic surfactants

### Storage and Handling

The product has the tendency to build viscosity and crystallization may occur at storage temperature below 35°C, the product can be heated and stirred until uniform before use. For convenience of handling and long-term storage in tanks protect from frost if possible or stored at 35-40°C.

#### Contact information:

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