



## TRITON™ XN-45S Surfactant

### Product Information

#### Chemical Description

Name: Sulfate  
Surfactant Type: Anionic

#### Benefits

- Excellent wetting
- Emulsifying & dispersing ability
- Bleach-stable

#### Applications

- Emulsion polymerization
- Wax emulsification
- Cleaner

### Typical Physical Properties

|                                |               |
|--------------------------------|---------------|
| Actives, wt%                   | 60            |
| Diluent                        | Water/Ethanol |
| Appearance <sup>(1)</sup>      | Amber liquid  |
| pH, 5% aq solution             | 7             |
| Viscosity at 25°C (77°F), cP   | 92            |
| Density at 25°C (77°F), g/mL   | 1.058         |
| Flash Pt, Closed Cup, ASTM D93 | 26°C 80°F     |
| Pour point, °C (°F)            | -45 (-49)     |

<sup>(1)</sup> Appearance at 25°C

### Typical Performance Properties

|  |                         |         |
|--|-------------------------|---------|
| Surface Tension <sup>(2)</sup>                 | Neutral <sup>(4)</sup>  | 33      |
|  | Alkaline <sup>(5)</sup> | 32      |
| Foam <sup>(3)</sup>                            | Neutral <sup>(4)</sup>  | 170/165 |
|  | Alkaline <sup>(5)</sup> | 170/170 |
| Draves 20 sec wetting conc, wt% at 25°C (77°F) |                         | 0.09    |

<sup>(2)</sup> Surface Tension: dynes/cm at 1 wt% actives, 25°C

<sup>(3)</sup> Ross-Miles foam height: mm at 1 wt% actives, 25°C, initial / 5 minute

<sup>(4)</sup> Actual pH = 7 (distilled water)

<sup>(5)</sup> Actual pH = 12.5 (sodium hydroxide solution)

#### Solubility and Compatibility

- Soluble in water

#### Contact information goes here:

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