



## TRITON™ CF-76 Surfactant

### Product Information

#### Chemical Description

Name: Low Foam

Surfactant Type: Nonionic

#### Benefits

- Low foam
- Good soap soil defoaming
- Good food soil defoaming
- Stable on solid caustic & chlorine in powders
- Alkaline stability
- Excellent wetting ability

#### Applications

- Food & Dairy Cleaners
- Metal Cleaners

#### Typical Physical Properties

|                                    |                            |
|------------------------------------|----------------------------|
| Active Ingredient, wt%             | 100                        |
| Cloud Point, 1% aq. soln., °C (°F) | 31 (88)                    |
| HLB (calculated)                   | 12.6                       |
| Appearance                         | Translucent, yellow liquid |
| pH, 5% aq solution                 | 9                          |
| Viscosity at 25°C (77°F), cP       | 318                        |
| Density at 25°C (77°F), g/mL       | 1.038                      |
| Flash Pt, Closed Cup, ASTM D93     | 201°C 485°F                |
| Pour Point, ASTM D97, °C (°F)      | 7 (45)                     |

#### Typical Performance Properties

|   |     |
|---|-----|
| Surface Tension <sup>(1)</sup>            | 33  |
| Critical Micelle Concentration (CMC), ppm | 25  |
| Hamilton Beach Foam Test, 0.1%            |     |
| at 25°C (77°F), cm                        | 8.9 |
| at 50°C (122°F)                           | 1.5 |
| at 70°C (158°F)                           | 0.3 |

<sup>(1)</sup> 1 wt% actives, dynes/cm

#### Solubility and Compatibility

- Soluble in water
- Insoluble in highly aliphatic solvents
- Stable on solid alkaline builders
- Chemically stable in alkaline solutions
- Chemically unstable in acid solutions

#### Contact information goes here:

North America: 1-800-447-4369  
 Europe: (+32) 3-450-2240  
 Asia/Pacific: (+852) 2879 7339  
 Other areas: 1-989-832-1556  
<http://www.dow.com/surfactants>

NOTICE: No freedom from any patent owned by Seller or others is to be inferred. Because use conditions and applicable laws may differ from one location to another and may change with time, Customer is responsible for determining whether products and the information in this document are appropriate for Customer's use and for ensuring that Customer's workplace and disposal practices are in compliance with applicable laws and other governmental enactments. Seller assumes no obligation or liability for the information in this document. NO WARRANTIES ARE GIVEN; ALL IMPLIED WARRANTIES OF MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE ARE EXPRESSLY EXCLUDED.