



## TERGITOL™ XD Surfactant

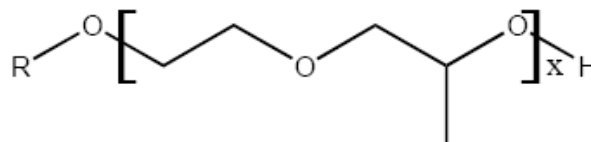
### Product Information

#### Chemical Description

Name: Alkyl EO/PO copolymer

Molecular Weight: 2990

Surfactant Type: Nonionic



#### Benefits

- Excellent steric and freeze/thaw stabilizer
- Effective pigment & carbon black dispersant
- Excellent for aromatic, chlorinated & other difficult to emulsify compounds
- Good solubility in the presence of salts or electrolytes

#### Applications

- Agrochemicals
- Paints & coatings dispersions
- Iodophors
- Emulsion polymerization

#### Typical Physical Properties

Cloud Point <sup>(1)</sup>	74
HLB <sup>(2)</sup>	-
Moles EO	Proprietary
Pour Point <sup>(3)</sup>	34
Appearance	White solid
pH, 5% aq solution	6.5
Viscosity at 25°C (77°F), cP	251
Density at 25°C (77°F), g/mL	1.02
Flash Pt, Closed Cup, ASTM D93	206°C 406°F

<sup>(1)</sup> Cloud point: °C, 1 wt% actives aqueous solution

<sup>(2)</sup> HLB Range: <10 w/o emulsifier, > 10 o/w emulsifier, 10-15 good wetting, 12-15 detergents

<sup>(3)</sup> Pour point: °C

#### Typical Performance Properties

CMC <sup>(4)</sup>	-
Surface Tension <sup>(5)</sup>	38
Dynamic surface tension <sup>(6)</sup> dynes/cm	49
Foam Height <sup>(7)</sup>	60/25
Draves 20 sec wetting conc, wt% at 25°C (77°F)	0.38

<sup>(4)</sup> Critical Micelle Concentration: ppm at 25°C

<sup>(5)</sup> Surface tension: dynes/cm at 1% actives, 25°C

<sup>(6)</sup> Measured at 0.1 wt% and 25°C (77°F), Maximum Bubble Pressure at 4 bubbles/sec

<sup>(7)</sup> Ross-Miles foam height: mm at 0.1 wt% actives, 25°C, initial / 5 minute

## **Solubility and Compatibility**

- Soluble in water
- Soluble in chlorinated & many polar organic solvents
- Chemically stable in acidic & alkaline solutions
- Compatible with anionic, cationic and other nonionic surfactants

### **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.



UNRESTRICTED – May be shared with anyone