

TRITON™ HW-1000 Surfactant/XUS 201201432-37⁽¹⁾

Product Information

Chemical
Description

Description: Hydrocarbon Based High Wetting Surfactant

Surfactant Type: Nonionic

Benefits

- High wetting
- Low dynamic surface tension
- Low equilibrium surface tension
- Low foam
- Readily dispersible
- Inherent primary biodegradability

Applications

- Paints & coatings
- Pressure sensitive adhesives
- Metal working
- Inks/Printing
- Solid particle wetting/dispersion
- Laminate adhesives
- Textiles
- Industrial processing/manufacturing
- Cleaning
- Agricultural formulations

Typical Physical Properties⁽²⁾

Actives %	100
Odor	Mild
Solubility in Water	Dispersible
Cloud Point ⁽³⁾	Not applicable due to partial solubility in water
HLB ⁽⁴⁾	Approx. 10
Surface Tension ⁽⁵⁾	25.8
Foam Height ⁽⁶⁾	15 / 5
Pour Point, ASTM D97	-57°C
Form ⁽⁷⁾	Liquid
pH, (6H ₂ O+10IPA)	5.0-8.0
Viscosity at 40°C (104°F), cP	18
Specific Gravity (H ₂ O = 1)	0.96 20 °C <i>Calculated</i>
Flash Pt, Closed Cup, ASTM D93	163 °C (325 °F)

⁽¹⁾ TRITON™ WH-1000 commercial product name; XUS 201201432-37 pre-commercial product name. ⁽²⁾Typical properties. Not to be construed as product specifications.

⁽³⁾ Cloud point: °C, 1% Aqueous, ⁽⁴⁾ HLB Range: <10 w/o emulsifier, > 10 o/w emulsifier, ⁽⁵⁾ Surface tension: dynes/cm at 0.1% actives, 25°C, ⁽⁶⁾ Ross-Miles foam height: mm at 0.1 wt% actives 25°C, initial / 5 minutes ⁽⁷⁾ Form at 25°C

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<http://www.dow.com/surfactants>

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