



Tech

Technical Data

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CRIMSON NP-9

GENERAL DESCRIPTION:

Crimson NP-9 is a nonionic surfactant with good rinseability benefits used in multiple applications/industries including metalworking fluids.

PHYSICAL PROPERTIES:

- ◆ Actives, wt% : 100
- ◆ Cloud Point¹ : 54
- ◆ HLB² : 12.9
- ◆ Moles EO : 9
- ◆ Pour Point³ : -1
- ◆ Specific Gravity : 1.055-1.058 @20/20C
- ◆ Appearance : Pale yellow liquid
- ◆ pH 1% aq solution : 6
- ◆ Viscosity @25°C cP : 243
- ◆ Flash Pt. Closed Cup : 247°C / 477°F

ADVANTAGES:

- ◆ Excellent detergent
- ◆ Exceptional handling properties
- ◆ Outstanding wetting
- ◆ Low odor
- ◆ Good rinseability
- ◆ Versatile solubility characteristics

PERFORMANCE PROPERTIES:

- CMC : 60 ppm @25°C
- Surface Tension: 32 dynes/cm @ 1% actives, 25°C
- Foaming Height: 105/90 Ross-Miles foam height mm@0.1% actives, 25°C, initial/ 5 minute

SOLUBILITY & COMPATABILITY:

- Soluble in water
- Soluble in chlorinated solvents and most polar solvents
- Chemically stable in the presence of dilute bases and acids
- Compatible with soaps, anionic and other nonionic surfactants and many organic solvents

[For more detail about product handling & safety info, please refer to the Material Safety Data Sheet](#)