

Redicote[®] E-4868 NPF

Emulsifier for cationic slow-setting emulsions suitable for tack, prime, slurry seal, cold mix and sealcoats

Benefits and features

- **Low use level:**
0.8-1.2% is suitable for most applications
- **Slurry seal:**
Plenty of mix time with the most reactive aggregates and at high temperatures
- **Easy handling:**
The product does not contain flammable solvent, has relatively low viscosity, and is completely soluble even in cold water
- **Solvent-free dense-graded mixes:**
Good coating and extended workability in mixes using dense aggregate gradations, reclaimed materials or soils
- **Improved eco-toxicity profile:**
The product does not contain nonylphenol ethoxylates

Dosage

Cationic slow set emulsion	0.8-1.2%	pH 2-4 hydrochloric acid
Cationic sealcoat emulsion	1.2-2.0%	pH 2-6 hydrochloric acid

Specification

Solids, %	54-58	PM 5.002
Amine value, mg KOH/g	35-68	SMA CL023

Physical properties

Appearance at 25°C (77°F)	dark liquid
Flash point, °C	>100 (>212°F)
Pour point, °C	<-15 (<5°F)

Storage and handling

Redicote E-4868 NPF may be stored in carbon steel or stainless steel tanks. Bulk storage should be maintained at 20-40°C (68-104°F). Redicote E-4868 NPF is alkaline and may cause severe irritation or burns to skin and eyes. Protective goggles and gloves must be worn when handling this product. For further information consult the Safety Data Sheet.

Packaging information

Redicote E-4868 NPF is available in bulk shipment, in tight head steel drums of 450 lbs (204 kg) net weight, or in one-way totes (IBCs) of 2700 lbs (1225 kg) net weight.

	10	20	30	40	°C
	50	68	86	104	°F
Density, g/cc	1.09	1.09	1.08	1.07	
Density, lbs/U.S. gal	9.13	9.08	9.03	8.96	
Viscosity, mPa s (cP)	3130	1370	830	510	

Physical properties are typical data based on our own measurements or derived from the literature. They do not constitute part of the delivery specification.

For more information and sample formulations contact us at asphalt@nouryon.com.

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We are a global specialty chemicals leader. Markets worldwide rely on our essential chemistry in the manufacture of everyday products such as paper, plastics, building materials, food, pharmaceuticals, and personal care items. Building on our nearly 400-year history, the dedication of our 10,000 employees, and our shared commitment to business growth, strong financial performance, safety, sustainability, and innovation, we have established a world-class business and built strong partnerships with our customers.

We operate in over 80 countries around the world and our portfolio of industry-leading brands includes Eka, Dissolvine, Trigonox, and Berol.

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