

Redicote® E-47 NPF

Nonionic emulsifier for the production of slow-setting emulsions from bitumen, tall oil pitch, dust oils and resins

Benefits and features

- Low use level**
 0.9-1.4% is suitable for most applications
- Super-stable emulsions**
 Emulsions produced with Redicote E-47 NPF show the stability needed for applications such as dense mixes, dust control, mulching and stabilization and may be mixed with cement in recycling and stabilization processes
- Wide pH range**
 The nonionic character of the product means that emulsions can be produced over a wide pH range and the product can be combined with both cationic and anionic co-emulsifiers
- Improved eco-toxicity profile**
 Redicote E-47 NPF does not contain nonylphenol ethoxylate

Dosage

Anionic slow set emulsion	0.9-1.4%	pH 7-12 sodium hydroxide
Cationic slow set emulsion	1.4-1.8%	pH 2-6 hydrochloric acid

Specification

pH, 1% aqueous	5-6.5	KL 502.21
Water, %	38-42	KL 510.00

Physical properties

Appearance at 25°C (77°F)	liquid			
Flash point, °C	>100 (>212°F)			
Pour point, °C	-12 (<10°F)			

Storage and handling

Redicote E-47 NPF contains water and stainless steel polymer storage tanks are preferred. Bulk stores should be maintained at 20-35°C (68-95°F). Redicote E-47 NPF is a concentrated surfactant and may cause irritation 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-47 NPF is available in bulk shipments, in tight head drums of 450 lbs (204 kg) net weight, or in one-way totes (IBCs) of 2400 lbs (1089 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	9.12	9.07	9.00	8.95	
Viscosity, mPa.s (cP)	4565	2100	1030	540	

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

Contact us directly for detailed product information and sample request
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Nouryon

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