



Redicote® E-7000

Emulsifier for anionic and cationic slow set bitumen emulsions suitable for tack, prime, slurry seal, dust oil and cold mix applications. Emulsifier for slow set emulsion used in sealcoat manufacture.

Benefits and features

- Versatile emulsifier**
 Provides both anionic and cationic emulsions suitable for a very wide range of applications
- Good adhesion**
 Anionic emulsions made with Redicote E-7000 provide good adhesion to siliceous aggregates
- Easy handling**
 The product is low viscosity and completely water soluble
- Tack, prime and dust oils**
 The good wetting power and dilutability of Redicote E-7000 emulsions makes them particularly suitable for these applications
- Cold mix and slurry**
 Emulsions provide good cohesion development in cold mix applications and can meet the requirements of quick-traffic slurry systems

Storage and handling

Redicote E-7000 contains water: stainless steel or lined tanks are recommended for bulk stores. Redicote E-7000 is compatible with polyethylene and polypropylene. Product stored in bulk does not need to be heated. Redicote E-7000 is a concentrated surfactant and is irritating to skin and eyes. Protective goggles and gloves must be worn when handling this product. For further information consult the Safety Data Sheet.

Dosage

Cationic slow set emulsion	1.5-2.5%	pH 1.5-2.5 hydrochloric acid
Anionic slow set emulsion	1.5-2.5%	pH 10-12.5 sodium hydroxide

Anionic emulsion for sealcoat manufacture uses Redicote E-6945 co-emulsifier

Specification

Activity, %	min 27	KL 625.17
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Physical properties

Appearance at 25°C (77°F)	liquid
Flash point, °C	>100 (>212°F)
Pour point, °C	<-7 (<20°F)

	10	20	30	40	°C
	50	68	86	104	°F
Density, g/cc	1.08	1.07	1.07	1.06	
Density, lbs/U.S. gal	9.02	8.90	8.89	8.86	
Viscosity, mPa.s (cP)	45	31	26	24	

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

Packaging information

Redicote E-7000 is available in bulk shipment, in tight head polyethylene drums of 450 lbs (204 kg) net weight, or in one-way totes (IBCs) of 2350 lbs (1066 kg) net weight.

Notes

For regulatory reasons this product is not available within the EU.

Contact us directly for detailed product information and sample request
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email | asphalt@nouryon.com

Nouryon

Nouryon is a global, specialty chemicals leader. Markets and consumers worldwide rely on our essential solutions to manufacture everyday products, such as personal care, cleaning goods, paints and coatings, agriculture and food, pharmaceuticals, and building products. Furthermore, the dedication of more than 7,900 employees with a shared commitment to our customers, business growth, safety, sustainability and innovation has resulted in a consistently strong financial performance. We operate in over 80 countries around the world with a portfolio of industry-leading brands. Visit our website and follow us @Nouryon and on LinkedIn.

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