



Redicote® E-7100

Faster setting emulsifier for Cold in-place Recycling (CIR). Emulsifier for cationic slow-setting emulsions suitable for cold mix, tack, prime, slurry seal and dust control. Can be used as an anionic emulsifier in tack and prime coat emulsions.

Benefits and features

- Cold in-place (CIR) applications**
 Provides faster cohesion development in CIR applications compared to traditional CSS emulsifiers for cold mix. Provides workability and compaction window in mixes with or without cement.
- Versatile emulsifier**
 Provides both anionic and cationic emulsions suitable for a wide range of applications
- Good quality emulsions**
 Redicote E-7100 results in CSS emulsions with small particle size, good viscosity and low settlement. Pass cement mix test, provide good storage and transportation stability.
- Easy handling**
 Redicote E-7100 does not contain flammable solvents, has low viscosity, is completely water soluble and dissolves easily in the soap phase
- Tack, prime and dust suppression**
 The good wetting power and dilutability of Redicote E-7100 emulsions makes them particularly suitable for these applications
- Slurry seal**
 Redicote E-7100 allow adequate mix time and good cohesion development in slurry systems with reactive aggregates and without the need for additives
- Free of Nonyl phenol ethoxylates (NPEs)**
 Redicote E-7100 does not contain NPEs

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

Specification

Solids, %	39.5-42.5	PM 5.002
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Physical properties

Appearance at 25°C (77°F)	liquid
Flash point, °C	>100 (>212°F)
Pour point, °C	-8 (17°F)

	20	30	40	°C
	68	86	104	°F
Density, g/cc	1.07	1.07	1.06	
Density, lbs/U.S. gal	8.93	8.88	8.83	
Viscosity, mPa.s (cP)	122	92	68	

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

Storage and handling

Redicote E-7100 contains water: stainless steel or lined tanks are recommended for bulk stores. Redicote E-7100 is compatible with polyethylene and polypropylene. Product stored in bulk does not need to be heated. Redicote E-7100 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.

Packaging information

Redicote E-7100 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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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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