

## 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	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.

For more information and sample formulations contact us at [asphalt@nouryon.com](mailto: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.

For more information visit [nouryon.com](http://nouryon.com).

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