

## Redicote<sup>®</sup> C-500-1

Emulsifier for cationic quick-set bitumen emulsions for quick-traffic slurry and micro surfacing

### Benefits and features

- Dependable cohesion development:**  
 Emulsions formulated with Redicote C-500-1 provide mixtures showing good cohesion development with a wide range of aggregate types and weather conditions while providing sufficient mix times
- High reactive aggregates:**  
 Cationic quick-set emulsions made with Redicote C-500-1 provide mix time even with reactive aggregates and in hot weather
- Low and medium reactive aggregates:**  
 The product can be used also with aggregates of low or moderate reactivity
- Combined systems:**  
 The product can be used together with Redicote C-471 to provide economical emulsion recipes suitable for a wide range of conditions

### Storage and handling

Redicote C-500-1 may be stored in carbon steel tanks. Bulk storage should be maintained at 45-65°C (113-149°F). Avoid extended heating above 65°C (150°F). Protect against exposure to moisture. Redicote C-500-1 contains amines and may cause severe irritation or burns to skin and eyes. Protective gloves and safety goggles must be worn when handling this product. For further information consult the Safety Data Sheet.

### Packaging information

Redicote C-500-1 is available in tight head steel drums of 400 lbs (181 kg) net weight.

### Dosage

Cationic quick set emulsion	0.7-2.0%	pH 1-3 hydrochloric acid
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### Specification

Amine value, mg KOH/g	370-410	SMA CL002
Water, %	max 1	SMA CL007

### Physical properties

Appearance at 25°C	viscous liquid		
Flash point, °C	>200 (>392°F)		
Pour point, °C	5 (41°F)		

	20	30	40	°C
	68	86	104	°F
Density, g/cc	0.98	0.97	0.96	
Density, lbs/U.S. gal	8.12	8.08	8.03	
Viscosity, mPa s (cP)	46100	17700	6800	

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

### Notes

For regulatory reasons this product is not available within the EU, USA, Canada and China.

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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