

Redicote[®] EM24

Liquid emulsifier for cationic rapid and medium-setting bitumen emulsions suitable for chipseal and open graded cold mix

Benefits and features

- Low use level:**
 0.18-0.25% is normally sufficient for rapid-set emulsions
- High emulsion viscosity:**
 Emulsions prepared using Redicote EM24 have significantly higher viscosities, which allow specifications to be met at the minimum asphalt content
- Fast breaking:**
 Emulsions prepared with Redicote EM24 show fast breaking in the field even at low temperatures
- Easy handling and storage:**
 Redicote EM24 is a liquid, and easily dissolved in warm water during the preparation of emulsion soap phase. The product is suitable for both in-line and batch plants.

Storage and handling

Redicote EM24 may be stored in carbon steel tanks. Bulk storage should be maintained at 15-35°C (59-95°F). Redicote EM24 contains amines and is corrosive 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 EM24 is available in bulk shipment, in 55-gallon tight head drums of 170kg (375lb) net weight or in one-way totes (IBCs) of 800kg (1763lbs).

Dosage

Cationic rapid set emulsion	0.18-0.25%	pH 2-3.5 hydrochloric acid
Cationic medium set emulsion	0.25-0.60%	pH 1.5-3.5 hydrochloric acid

Specification

Amine value, mg HCl/g	150-160	90KL0050
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Physical properties

Appearance at 20°C	liquid
Flash point, °C	>100 (>212°F)
Pour point, °C	10 (50°F)

Density, g/cc at 20°C	0.88
Density, lbs/U.S. gal at 20°C	7.34
Viscosity, mPa.s (cP) at 20°C	65

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

For more information and sample formulations contact us at asphalt@nouryon.com.

USA and Canada

Chicago, USA
T +1 800 906 9977

South America

Itupeva, Brazil
T +55 11 4591 8938

**Central America
and Caribbean**

Mexico City, Mexico
T +52 55 5261 7895

China

Shanghai, China
T +86 21 2220 5000

South East Asia

Singapore
T +65 6635 5183

India

Mumbai, India
T +91 22 6842 6700

Europe

Stenungsund, Sweden
T +46 303 850 00

Middle East

Dubai, United Arab Emirates
T +971 4247 1500

Russia

Moscow, Russia
T +7 495 766 1606

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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.

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