

Redicote[®] C-404

Emulsifier for emulsions used in micro surfacing and slurry surfacing. Dope (break retarder) for slurry surfacing.

Benefits and features

- Consistent performance:**
 The product meets a tight chemical specification and provides emulsions with consistently good performance with low and medium reactive aggregates
- Easy to use:**
 The product has relatively low viscosity and dissolves easily in the water phase

Storage and handling

Redicote C-404 may be stored in carbon steel tanks. Bulk storage should be maintained at 10-35°C (50-95°F). Avoid extended heating above 65°C (150°F). Protect against exposure to moisture. Redicote C-404 contains amines and may cause severe irritation or burns 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 C-404 is available in bulk shipment, in tight head steel drums of 400 lbs (181 kg) net weight, or in one-way totes (IBCs) of 2000 lbs (907 kg) net weight.

Notes

The product is sold under the tradename Redicote 404 in some countries.

Dosage

Slurry and micro surfacing emulsion	0.8-1.5%	pH 1-2.5 hydrochloric acid
Break retarder	0.01-0.05%	basis mixture

Specification

Amine value, mg KOH/g	385-415	SMA CL002
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Physical properties

Appearance at 25°C (77°F)	liquid
Flash point, °C	>200 (>392°F)
Pour point, °C	-7 (19°F)

	10	20	30	40	°C
	50	68	86	104	°F
Density, g/cc	0.96	0.95	0.95	0.94	
Density, lbs/U.S. gal	8.00	7.96	7.93	7.89	
Viscosity, mPa s (cP)	1150	550	250	150	

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.

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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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