

Redicote[®] E-4880

Cationic super slow setting emulsifier providing extended workability for virgin and recycled cold mixes produced in plant

Benefits and features

- Cold mix and recycling:**
 Very slow breaking cationic emulsifier for plant produced mixes and Full Depth Reclamation (FDR) with long workability time
- Base stabilization:**
 Emulsions made with Redicote E-4880 can be used for base stabilization in combination with cement
- Value for the money:**
 Can be used at low dosages (1-1.5%) resulting in high quality emulsions with low settlement passing the cement mixing test
- Easy handling:**
 Redicote E-4880 does not contain flammable solvents, has low viscosity, is completely water soluble and dissolves easily in the soap phase
- Suitable for tack, prime and dust suppression:**
 Emulsions made with Redicote E-4880 are easy to dilute and can penetrate finely graded aggregate substrates due to their high wetting power
- Free of Nonyl phenol ethoxylates (NPEs):**
 Redicote E-4880 does not contain NPEs

Storage and handling

Redicote E-4880 may be stored in carbon steel or stainless steel tanks. Bulk storage should be maintained at 20-35°C (68-95°F). Redicote E-4880 is alkaline 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.

Dosage

Cationic slow set emulsion	1.0-1.5%	pH 1.5-4.0 hydrochloric acid
----------------------------	----------	---------------------------------

Specification

Solids, %	43.6-47-0	PM5.020
-----------	-----------	---------

Physical properties

Appearance at 25°C (77°F)	dark liquid		
Flash point, °C	>95 (>203°F)		
Pour point, °C	-8 (18°F)		

	20	30	40	°C
	68	86	104	°F
Density, g/cc	1.10	1.09	1.08	
Density, lbs/U.S. gal	9.16	9.11	9.05	
Viscosity, mPa s (cP)	970	557	307	

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

Packaging information

Redicote E-4880 is available in bulk shipment, in tight head polyethylene drums of 450 lbs (204 kg) net weight, or in one-way totes (IBCs) of 2400 lbs (1089 kg) net weight.

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

All information concerning our products and/or all suggestions for handling and use contained herein (including formulation and toxicity information) are offered in good faith and are believed to be reliable. However, Nouryon makes no warranty express or implied (i) as to the accuracy or sufficiency of such information and/or suggestions, (ii) as to any product's merchantability or fitness for a particular use or (iii) that any suggested use (including use in any formulation) will not infringe any patent. Nothing contained herein shall be construed as granting or extending any license under any patent. The user must determine for itself by preliminary tests or otherwise the suitability of any product and of any information contained herein (including but not limited to formulation and toxicity information) for the user's purpose. The safety of any formulations described herein has not been established. The suitability and safety of a formulation should be confirmed in all respects by the user prior to use. The information contained herein supersedes all previously issued bulletins on the subject matter covered.

Products mentioned are trademarks of Nouryon and registered in many countries.

About Nouryon

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.

Nouryon