

REDICOTE® E-5

Application Emulsifier for cationic medium-setting and slow-setting asphalt emulsions.

- Advantages**
- *Small Particle Size:* Emulsions produced using Redicote E-5 have exceptionally small particle size suitable for prime and tack coats and emulsions for dust control.
 - *Co-Emulsifier:* Redicote E-5 is a versatile co-emulsifier used to improve the mixing behavior of cationic medium-setting emulsions or to provide a quicker curing to slow-setting emulsions.
 - *Easy Handling:* the low viscosity, low pour point and water solubility of Redicote E-5 makes it easy to use.

Typical Emulsion Formulations	CMS-2	CMS-2	CSS-1
Asphalt	65	65	65
Redicote E-5	0.40 - 0.80	0.20 - 0.30	0.8 - 1.2
Redicote E-4819		0.15 - 0.25	
Hydrochloric acid*	0 - 0.02	0.08 - 0.20	0 - 0.02
pH soap	2.0 - 6.0	1.0 - 4.5	2 - 4
Calcium chloride	0 - 0.1	0 - 0.1	0 - 0.1
Petroleum distillate	3 - 12	3 - 12	
Water	to 100	to 100	to 100

*22°Baume or 35% wt. %

Physical Properties	Appearance at 25°C				
	yellow liquid				
Pour point, °C	<0 (<32°F)				
Flash point, °C	16 (62°F)				
Viscosity, mPa.s (cP)	5	10	20	30	°C
	41	50	68	86	°F
Density, g/cc	0.89	0.88	0.87	0.87	
Density, lbs./gal	7.37	7.34	7.27	7.22	

See reverse for additional data

Storage and Handling Redicote E-5 contains 2-propanol, keep away from sources of ignition. Redicote E-5 contains water and chloride ion and is corrosive to carbon steel and some stainless steels. 316 or 317L stainless steel or glass or polymer lined tanks are recommended. Bulk storage need not be heated.

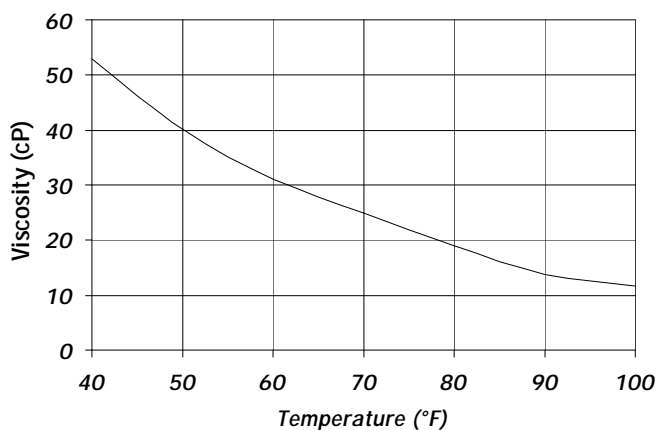
Redicote E-5

Redicote E-5 contains quaternary 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 Material Safety Data Sheet.

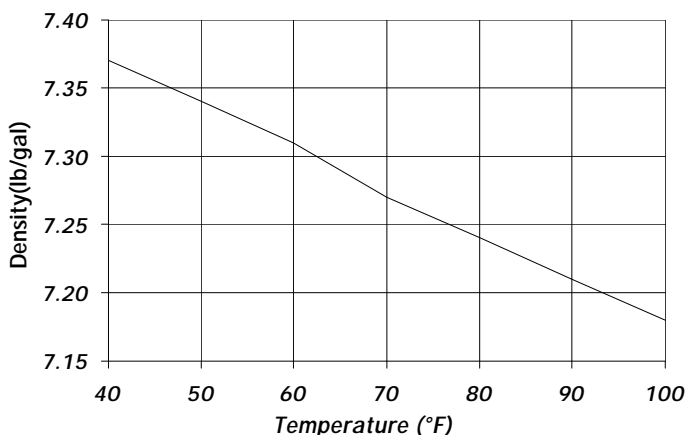
Packaging Information

Redicote E-5 is available in bulk shipments or in 55-gallon tight head drums of 390 lbs. (177kg) net weight.

Viscosity vs. Temperature



Density vs. Temperature



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