



## Technical Information

# Asphalt Applications

### REDICOTE® E-35C

**Application** Emulsifier for cationic rapid and medium-setting asphalt emulsions.

**Advantages**

- *Easy Handling:* Redicote E-35C offers a low melting point and easy dissolution in the soap phase.

Typical Emulsion Formulations	CRS-1	CRS-2	CMS-2
Asphalt	60	65	65
Redicote E-35C	0.10 - 0.20	0.10 - 0.20	0.4 - 0.6
Hydrochloric acid*	0.08 - 0.18	0.08 - 0.18	0.16 - 0.3
pH soap	2.0 - 4.0	2.0 - 4.0	2 - 4
Calcium chloride	0 - 0.1	0 - 0.1	0 - 0.1
Petroleum distillate	0 - 2	0 - 2	8 - 12
Water	to 100	to 100	to 100

\*22° Baume or 35% wt. %

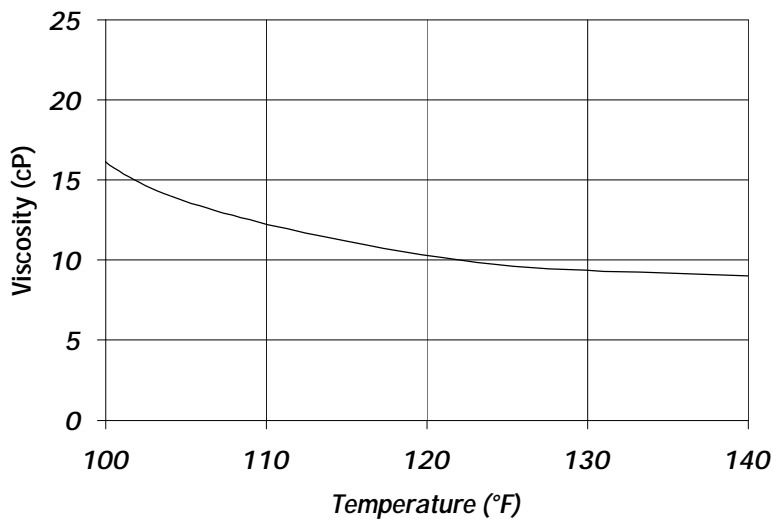
Physical Properties	Appearance at 25°C	liquid/semi-solid				
	Pour point, °C	13 (55°F)				
Cloud point, °C	30 (86°F)					
Flash point, °C	>53 (127°F)					
		30	40	50	60	°C
		86	104	122	140	°F
Viscosity, mPa.s (cP)	280	130	100	90		
Density, g/cc	0.88	0.87	0.86	0.85		
Density, lbs./gal	7.35	7.23	7.14	7.03		

**Storage and Handling** Redicote E-35C may be stored in carbon steel tanks. Bulk storage should be maintained at 30-45°C (86-113°F). Avoid heating to above 65°C (150°F).

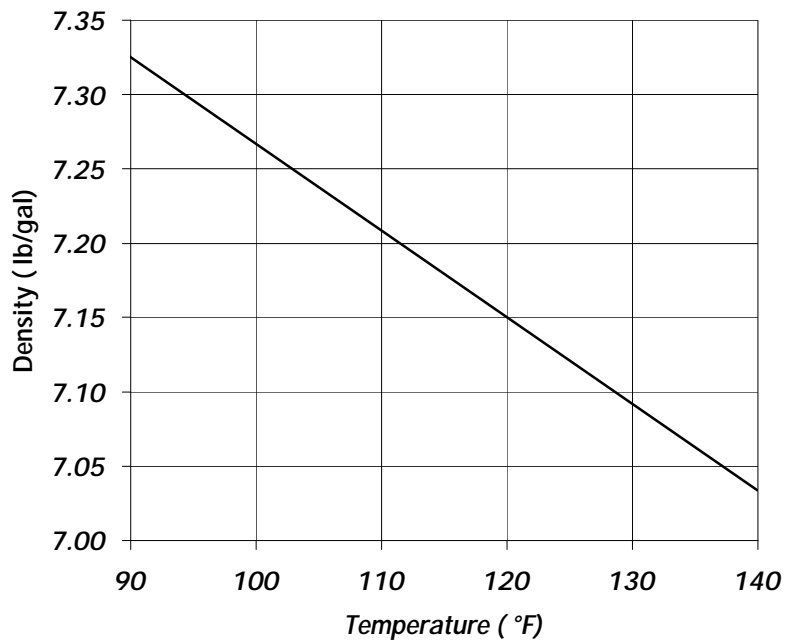
Redicote E-35C contains amines and may cause severe irritation or burns to skin and eyes. Protective goggles and gloves must be worn when handling this product. For further information consult the Material Safety Data Sheet.

**Packaging Information** Redicote E-35C is available in bulk shipments only.

**Viscosity vs. Temperature**



**Density vs. Temperature**



All information concerning this product and/or suggestions for handling and use contained herein are offered in good faith and are believed to be reliable. Akzo Nobel Chemicals Inc., however, makes no warranty as to the accuracy and/or sufficiency of such information and/or suggestions, as to the product's merchantability or fitness for any particular purpose, or that any suggested use will not infringe any patent. Nothing contained herein shall be construed as granting or extending any license under any patent. Buyer must determine for himself, by preliminary tests or otherwise, the suitability of this product for his purposes. The information contained herein supersedes all previously issued bulletins on the subject matter covered.