

### REDICOTE® E-9190

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

**Advantages**

- *Fine particle size:* Redicote E-9190 gives emulsions with fine particle size with good storage properties
- *Liquid Product:* Redicote E-9190 is a low viscosity, liquid product with 100% activity ensuring an economical use level

Typical Emulsion Formulations	CRS-1	CRS-2	CMS-2
Asphalt	60	65	65
Redicote E-9190	0.15 - 0.25	0.15 - 0.20	0.4 - 0.6
Hydrochloric acid*	0.12 - 0.22	0.12 - 0.22	0.3 - 0.4
pH soap	2.0 – 3,5	2.0 – 3.5	2 - 4
Calcium chloride	0 - 0.1	0 - 0.1	0 - 0.1
Petroleum distillate	0 - 2	0 - 2	3 - 12
Water	to 100	to 100	to 100

\*22°Baume or 35% wt %

Physical Properties	Appearance at 25°C				
	Appearance at 25°C	brown liquid			
Pour point, °C	13 (56°F)				
Flash point, °C	>200 (>390°F)				
Viscosity, mPa.s (cP)	20	30	40	50	°C
	68	77	104	122	°F
Density, g/cc	0.90	0.90	0.89	0.88	
Density, lbs./gal.	7.55	7.52	7.41	7.34	

See reverse for additional data

**Storage and Handling** Redicote E-9190 may be stored in carbon steel tanks. Bulk storage should be maintained at 20-40°C (68-104°F). Avoid heating to above 65°C (150°F).

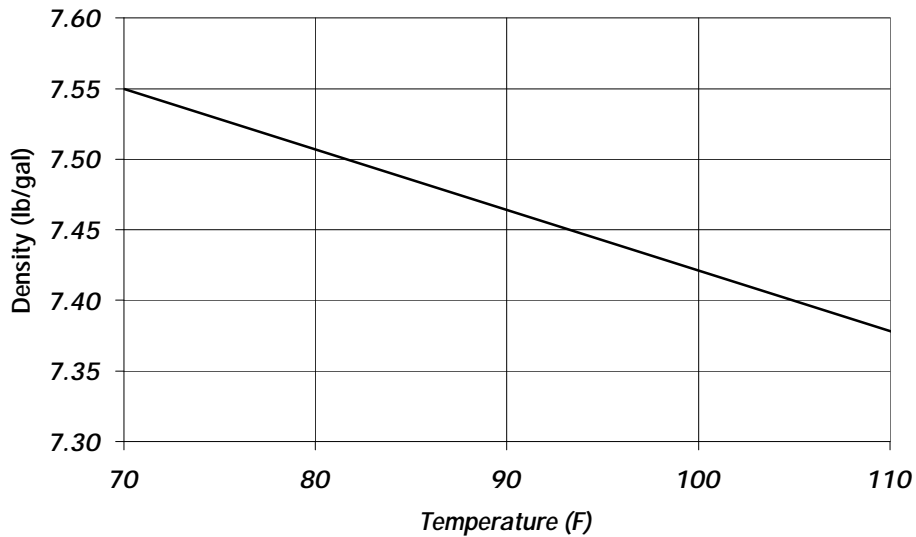
Redicote E-9190 contains amines and may cause severe irritation or burns to skin and eyes. Protective goggles and gloves must be worn when handling this product. For further information consult the Material Safety Data Sheet.

**Packaging** Redicote E-9190 is available in bulk shipments or in 55-gallon tight

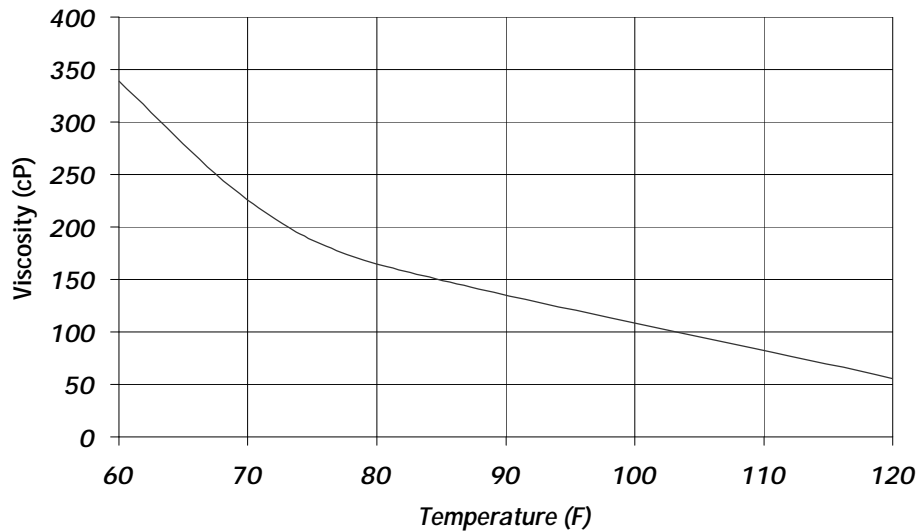
**Information**

head drums of 400 lbs. (181kg) net weight.

**Density vs. Temperature**



**Viscosity 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.