



Technical Information

Asphalt Applications

REDICOTE® E-9

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

Advantages

- *Proven Performance:* Redicote E-9 is a special grade of tallowdiamine designed to produce emulsions of the highest quality. Redicote E-9 has for many years been the standard against which other cationic emulsifiers are judged

Typical Emulsion Formulations	CRS-2	CMS-2
	Asphalt	65
Redicote E-9	0.15 – 0.20	0.25 - 0.35
Hydrochloric acid*	0.08 – 0.15	0.12 - 0.25
pH soap	2.0 - 4.5	1.0 - 4.5
Calcium chloride	0 - 0.1	0 - 0.1
Petroleum distillate	0 - 2	8 - 10
Water	to 100	to 100

*22°Baume or 35% wt. %

Physical Properties	Appearance at 25°C	paste				
	Pour point, °C	35 (95°F)				
Cloud point, °C	44 (111°F)					
Flash point, °C	199 (390°F)					
		40	50	60	70	°C
		104	122	140	158	°F
Viscosity, mPa.s (cP)		50	27	10	7	
Density, g/cc		0.84	0.83	0.82	0.81	
Density, lbs./gal		7.02	6.93	6.83	6.73	

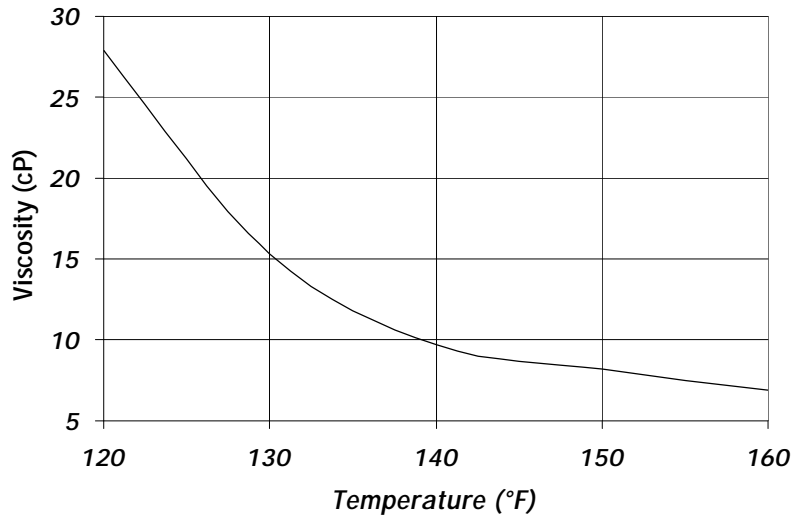
See reverse for additional data

Storage and Handling Redicote E-9 may be stored in carbon steel tanks. Bulk storage should be maintained at 45-55°C (110-130°F).

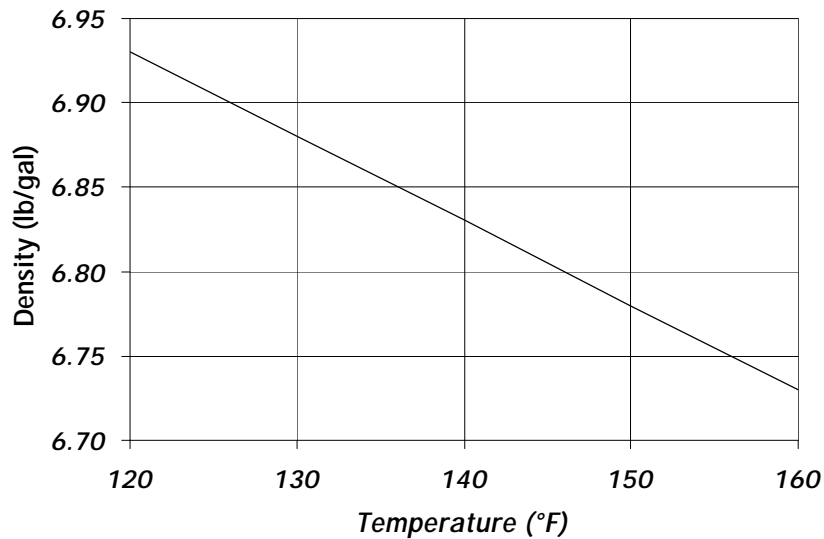
Redicote E-9 contains amines and may cause severe irritation or burns to skin and eyes. Protective goggles and gloves must be worn when handling this product. For further information consult the Material Safety Data Sheet.

Packaging Information Redicote E-9 is available in bulk shipments or in 55-gallon open head drums of 360 lbs. (164 kg) net weight.

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.