



THE CHEMICAL DIVISION OF COLAS

CTA

Product Information

CTA is a fatty polyamine solid cationic emulsifier designed for slow setting bitumen emulsions, used in grave emulsions, cold micro asphalt and cold mix applications.

Packing

165kg drum / Bulk

Formulation Example

Application	Bitumen Type & Dosage	CTA Dosage	Aqueous Phase pH
Micro surfacing	60% naphthenic	4-15 kg/t	2.0-2.5
Grave emulsion	60% paraffinic	5-9 kg/t	2.0-2.5

Table of Parameters

Characteristics	Methods	Specification	Typical Values
Physical state at 20°C	Visual test	Solid pasty	-
Total Amine Value (mgKOH/g)	MOPCST PC-006	>440	460
Density at 50°C (g/cm ³)	CHEM 004	0.85 ± 0.05	-
Flash point (°C)	EN 22719	>100	-
Viscosity at 60°C (mPa.s)	MOPCST PC-029	-	7
Melting point (°C)	-	-	35-45