



TECHNICAL DATA SHEET

IRTEC – RK117

APPLICATION:

IRTEC-RK117 is an emulsifier employed for manufacturing rapid setting cationic bitumen emulsions used for application in tack-coat and surface treatments.

IRTEC-RK117 must be neutralized in the water phase with hydrochloric acid (HCl) before emulsion production.

IRTEC-RK117 is totally compatible with other product ammine based.

IRTEC-RK117 can be use either in batch and continuous emulsion plants because liquid and pumping at room temperature. For best dissolution in water use small quantitative of hydrochloric acid (HCl).

DOSAGE:

A recommended dosage depends on raw materials characteristics and desired type of emulsion. It is normally employed in dosages between 0.20% and 0.35% (w/w) of the emulsion. Recommended water phase pH between 2.0 and 3.0.

CHEMICAL FAMILY:

IRTEC-RK117 is an amine product, mainly constituted by alkyl polyamine derivative.

PHYSICAL AND CHEMICAL PROPERTIES:

Appearance at 20°C	Liquid Yellow
Specific gravity at 25°C, g/cm ³	0.93±0.05
Solidification Point, °C	6-10
Flash point, °C	>101
Viscosity at 20°C, cP	60

STORAGE:

Stable at room temperatures if stored in closed containers and at shadow.

PACKAGE:

IRTEC-RK117 is delivered in steel drums of 180 kg or 900 kg IBC.

SAFETY:

Amine products should be handled with care. In order to avoid injuries, protective gloves and safety goggles should be used. For further information, see our Safety Data Sheet.

The information contained herein is indicative only and without express guarantee. As no control can be exercised over its use, we cannot be held responsible for any damage which may result from its misuse.