

TECHNICAL DATA SHEET

IRTEC – RK

APPLICATION:

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

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

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

IRTEC-RK 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 2.5 and 3.5.

CHEMICAL FAMILY:

IRTEC-RK is an amine product, mainly constituted by Alkyl polyamine derivative.

STORAGE:

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

PACKAGE:

IRTEC-RK is delivered in 180 kg drums or 945 kg IBCs.

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.

PHYSICAL AND CHEMICAL PROPERTIES:

Appearance at 20°C		Amber Liquid
Specific gravity at 25°C, g/cm ³		0.91±0.05
Solidification Point °C		<10
Flash point °C	(ASTM D-92)	>200
Active content		>99 %
Viscosity at 20°C, m Pas		320±0.05

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