



TECHNICAL DATA SHEET

IRTEC-AE

APPLICATION:

IRTEC-AE is an emulsifier employed for manufacturing slow and controlled setting cationic bitumen emulsions used for application in dense cold mix and micro surfacing treatments.

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

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

IRTEC-AE is liquid and can be used both in discontinuous and continuous emulsion plants. 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 0.60% and 1.20% (w/w) of the emulsion. Recommended water phase pH between 1.5 and 2.0.

CHEMICAL FAMILY:

DOPIRTEC AE is a compound based on polyamide of fatty acid.

PHYSICAL AND CHEMICAL PROPERTIES:

Appearance at 25°C	Yellowish Liquid
Density at 25°C	0.95±0.02
Viscosity at 25°C	12±3 St
Ammine Index	360±40 mg KOH

STORAGE:

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

PACKAGE:

DOPIRTEC AE is delivered on 180 kg metallic drums.

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.