

## TECHNICAL DATA SHEET

# IRTEC – SK203

### APPLICATION:

**IRTEC-SK203** is an emulsifier employed for manufacturing slow setting cationic bitumen emulsions used for different application.

**IRTEC-SK203** must be neutralized in the water phase with hydrochloric acid (HCl) before emulsion production.

**IRTEC-SK203** is totally compatible with other product ammine based.

**IRTEC-SK203** can be use either in batch and continuous emulsion plants because liquid and pumping at room temperature.

**IRTEC-SK203** can be employed for producing emulsion used in different construction technologies (priming coat, slurry seal, dense graded cold mixes, soil and sand stabilizations, gravel-emulsion mixes, etc.) and, in general, in those applications where emulsion is mixed with high fines content aggregates of different nature. Emulsions produced with this product use to pass cement stability test.

### DOSAGE:

A recommended dosage depends on raw materials characteristics and desired type of emulsion. It is normally employed in dosages between 0,8 % and 1.5% (w/w) of the emulsion. Recommended water phase pH between 2,0 and 3.0.

### CHEMICAL FAMILY:

**IRTEC-SK203** is made from quaternary ammonium salts and amines.

### PHYSICAL AND CHEMICAL PROPERTIES:

Appearance at 20°C	Liquid Colourless
Specific gravity at 20°C, g/cm <sup>3</sup>	0,970
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Melting Point °C	<300
Viscosity at 20°C, cPs	6 - 9
pH	

### STORAGE:

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

### PACKAGE:

**IRTEC-SK203** is delivered in 1000 liters 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.