



TECHNICAL DATA SHEET

IRTEC – W

APPLICATION:

IRTEC-W is an emulsifier employed for manufacturing slow setting anionic bitumen emulsions used for application in gravel priming coat for road construction and in waterproofing primers and coating.

IRTEC-W must be neutralized in the water phase with caustic soda (NaOH) before emulsion production.

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

DOSAGE:

A recommended dosage depends on raw materials characteristics and desired type of emulsion. It is normally employed in dosages between 1.20% and 2.00% (w/w) of the emulsion. Recommended water phase pH between 11 and 12.

CHEMICAL FAMILY:

IRTEC-W is derived of the nonyphenol family.

PHYSICAL AND CHEMICAL PROPERTIES:

| | |
|---|----------------|
| Appearance at 20°C | Clear liquid |
| Specific gravity at 25°C, g/cm ³ | 1.08 + 0.05 |
| Solubility in water at 25°C, % | 100 |
| Flash point °C | Not applicable |
| pH value | 8-10 |

STORAGE:

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

PACKAGE:

IRTEC-W is delivered in steel drums of 200 kg or 1000 liters cisterns.

SAFETY:

This product 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.