

Product Information

DESALT PCK-1

Demulsifier / Desalter

Field of Usage

The product DESALT PCK-1 accelerates the demulsification of water in-oil-emulsions (w/o) with a low or average content of salt (10 - 100 ppm) at temperatures above 60 °C. It is particularly suitable for desalting / demineralization of crude oil. If there are problems with low proportioning we will adapt the product formulation to your dosing technology.

Attributes

For water-in-oil emulsions the demulsifier / desalter leads to an aggregation of the smallest water drops by impact of surface energy. In this way the product accelerates effectively the demulsification. It is oil soluble and emulsifiable in water, effective from dilution of about 1 : 100. The mixing ratio of active matter is adjusted for a fast demulsification and assures a good demineralisation of the oil fraction. The non-ionic product is stable and efficient under acidic and basic conditions.

Components

The product DESALT PCK-1 is a mixture of alkoxyated phenol resins and demulsifying agents in a alcohol-hydrocarbon mixture.

Application

The product DESALT PCK-1 is normally used in a concentration range of **3 to 30 ppm**, depending on process conditions (60 - 140 °C). The demulsification is strongly depending on temperature. Too strong concentrations can worsen the demulsification. For a more precise dosage it is recommended to dilute the demulsifier with solvent naphtha (arom.) or petrol.

Basically the effective demulsification is an optimisation exercise at which every water-in-oil emulsion offers its own characteristic. Before using we recommend to carry out corresponding tests and the variation of the parameters concentration, temperature, pH-value and breaking-time.

Physical Properties

Density: 0.87 - 0.90 g / cm³

Freezing point: < -25 °C

Flashing point: 14 °C

Delivery Form

200 litres in steel drums. 925 litres in containers (IBC).

DIN / ISO 9001 accredited manufacturer.

This information is based on our present state of knowledge and is intended to provide general notes on this product and its use. It should therefore not be construed as guaranteeing specific properties of the product described and does not justify a contractual legal relationship. The user basically accounts for using this product. It is only assigned for commercial usage.

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