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DEUTEROL Emulgator BI

Emulsifier for bitumen Emulsions

/ Chemical Description

Deuterol Emulgator BI is a synthesis product of multiple functional organic bases and fatty acids with a chain length from C14 to C20, mainly C18. The product is listed under EINECS no. 2736529 as well as CAS no. 68991-84-4.

/ Physical Data

Appearance	yellow liquid
Viscosity	approx. 250 mPa·s
Specific Weight	approx. 0,93 g/cm ³
Flash Point	~ 100 °C
Refraction Index	approx. 1,49



/ Properties

Deuterol Emulgator BI is soluble in organic solvents such as alcohols or esters. The product is not soluble in water.

Deuterol Emulgator BI is widely resistant against temperature. No turbidities appear in the range of 0°C to 300°C. There is also no change in the state of matter.

/ Application

Deuterol Emulgator BI has especially been developed as an additive for the production of watery bitumen emulsions respectively its further processing in road surfaces. When processing the product in acidified watery systems as a cationic emulsifier a good stability to the emulsion is imparted. On the other hand Deuterol Emulgator BI provides a favorable breaking behavior of the emulsion (in connection with suitable coarse aggregates).

/ Storage conditions

Deuterol Emulgator BI can be stored for at least 24 months at room temperature and dry conditions.

/ Package Sizes

Plastic rental container (850 kg net)
Steel barrel with lid (180 kg net)

/ Safety Regulations

According to Regulation (EC) No. 1272/2008 Deuterol Emulgator BI is classified as a dangerous product and therefore needs to be labeled. For more information please consult the safety data sheet.

/ Deuteron: First-class products for the coatings industry

Deuteron GmbH has 30 years of experience in the production and sales of additives including: matting agents, conductivity agents and UV initiators. In the course of our company's 30-year history, we have become an important partner for the paint, lacquer and coatings industry – we operate nationally and internationally and are represented all over the globe. We serve you with

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Deuterol Emulgator BI

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