

Emulsifier 2227

Chemical Composition

Emulsifier 2227 is anionic emulsifier.

Product Description

Emulsifier 2227 is suitable for acrylate, styrene - acrylic acid emulsion synthesis system. It can be used as the main emulsifier for monomer preemulsification and bottom emulsifier for polymerization. It can be used together with non-ionic emulsifier in emulsion system. The additive amount is based on 0.3~10% of the monomer amount.

Technical Data

Appearance (25°C)	Transparent liquid
Color (5% active substance in aqueous solution) Hazen	The maximum 30
Active substance content %wt	27 + / - 1
unsulfated %wt	The maximum value of 1.5
sodium sulfate %wt	The maximum 2
PH value (5% aqueous solution)	6.5 ~ 9.0
Pour point °C	< 10
Critical micelle concentration PPM	800
Surface tension, 0.1% 25°C mN/m	30
viscosity, 20°C mPas	20
Density, 20 degrees Celsius, 1 atmosphere g/ mL	1.040

Application advantage

Excluding APEO;

Good environmental compatibility;

Excellent emulsifying and dispersing properties;

Good compatibility with other surfactants;

Good emulsion stability, low emulsion condensation;

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Good wettability

Attentions

The surfactant is hygroscopic. After opening the container, the product will quickly absorb water from the environment, and at the same time, the air will enter the container, which may lead to the slow oxidation of the product, which may eventually cause the product color deepening or pH decline. Therefore, the product packaging drums or containers should be kept sealed and stored in a cool and dry place.

Classification of hazardous substances

The following information: classification and labeling of hazardous materials and transportation regulations and protective measures for storage and handling in case of accidents and fires toxicity and ecological effects can be found in our safety data sheet.

Use the information

For safe use, read the product information and product safety data sheet and package label before use, as well as any physical and health hazard information.

Storage

The product should be stored in a cool, ventilated and dry place, avoiding the sun and rain. Storage temperature should not be higher than 40 ° C. Suitable storage temperature is 0~35°C. Although the product will not have obvious stratification and precipitation in the storage process, it is still recommended to mix properly before use. Under the above storage conditions, the shelf life of unopened original packaging products shall be 12 months from the date of production.

Package

Package size: 125kg/barrel and 1000kg/IBC barrel

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