
Technical Data Sheet

Aqueous Emulsion Resin Industries

Emulsifiers, Wetting Agents & Dispersors

Emulsigrand NPS-3006

Description

Emulsigrand NPS-3006 is Sodium Nonylphenol Ether Sulfate based on Nonylphenol Ethoxylate with 6 moles of EO. **Emulsigrand NPS-3006** is high-molar-mass ether sulphates that are mainly employed in the emulsion polymerisation of acrylic acid esters, methacrylic acid esters, ethylene, styrene, and vinyl esters. They can be used to produce homopolymers and copolymers. These anionic emulsifiers can also be combined with other nonionic emulsifiers in order to control properties such as the particle size of emulsions, or to enhance their stability.

Specification

Appearance	Clear yellowish liquid
Nature	Nonyl Phenol Ether Sulfate, Sodium Salt
Solid Content, %wt	35 ± 1
pH (2.5% aqueous solution)	6 – 7.5
Sodium sulfate, % wt., max	1.0
Density, gr/cm³	1.07
Safety	According to the best of our experience, it does not have any harmful effect on health
Shelf life	1 year

Applications & Recommendations

Emulsigrand NPS-3006 is a strong anionic emulsifier which has got certain amount of HLB. This product is suitable for making O/W emulsions for various types of binders for paint and coating industries such as light acrylic, acrylic styrene, vinyl acetate acrylic, vinyl acetate - VEOVA 10 - acrylic emulsion binders.

It can be used with other nonionic or anionic emulsigrand surfactants to obtain the most stable O/W emulsions.

It is an anionic surfactant suitable for use in the manufacture of finely dispersed emulsion polymers especially styrene homo and copolymers and acrylate homo and copolymers.

Storage Conditions

The product should be well sealed and must be stored in covered area between 5-25°C. Freezing and direct sun light must be avoided.

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NOTE: To the best of our knowledge and technical experiments, the above data is true and accurate. Given the variety of consumption fields, it is recommended to evaluate the information before use.