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The surfactant compatibility, thickening efficiency, and pseudoplastic (shear-thinning) rheology of Natrosol provide the following benefits in liquid soap formulations: Features of Natrosol High viscosity development Certain medium and high-viscosity types of Natrosol are available in a grade that has superior biostability in grades are designated by the letter natrosol™ h pharm hydroxyethylcellulose. S Natrosol HEC is a nonionic cellulose derivative that is soluble in both hot and cold water. technical studies Aqualon has evaluated the performance of NATROSOL@ HR and HHR hydroxyethylcellulose as thickeners for liquid soaps. It is made by reacting ethylene oxide with alkali-cellulose under Natrosol® HHR Ashland Specialty Chemical datasheet. It is made by reacting ethylene oxide with alkali-cellulose under rigidly controlled conditions Natrosol™ Hydroxyethylcellulose grades have designations denoting characteristics like molecular weight/viscosity, solubility profile, and stability. See below for details Missing: pdf B-GRADES. Specialty Chemical Natrosol® ner, film. Regular Natrosol imparts excellent flow properties to these systems Natrosol hydroxyethylcellulose (HEC), a nonionic water-soluble polymer, is a white, free-flowing granular powder. Natrosol HEC is insoluble in organic solvents, yet it is easily dispersed in cold and hot water to give solutions of varying viscosities Natrosol HR/HHR hydroxyethylcellulose (HEC), a nonionic, water-soluble polymer is a white, freeflowing granular powder. It is used as a protective colloid, stabilizer and suspending agent Aqualon has evaluated the performance of NATROSOL@ HR and HHR hydroxyethylcellulose as thickeners for liquid soaps. By controlling the molecular weight of the cellulose backbone, Natrosol HEC is Natrosol is used as high efficiency nonionic thickener, water retention aid and rheology modifier in all types of water-based paints and surface coatings, in adhesives, and in a variety of other aqueous industrial products. SDS Link > overview. chemical name: hydroxyethylcellulose. ormer, foam booster and stabilizer. literature & videos. Natrosol HR/HHR hydroxyethylcellulose (HEC), a nonionic, water-soluble polymer is a white, freeflowing granular powder. See below for details regarding specific grade designations Natrosol™ Pharm HEC, which has optimum solubility in water, has a MS of An idealized structure of Natrosol™ Pharm HEC is shown in figure This example has a MS of (ethylene oxide groups/4 anhydroglucose units) and a DS of (6 hydroxyls substituted/4 anhydroglucose units) Certain medium and high-viscosity types of Natrosol are available in a grade that has superior biostability in grades are designated by the letter B (e.g., Natrosol HBR) and are fully described in publication PARTICLE SIZE Natrosol can generally be supplied in any one of the three particle sizes listed in Table III View technical datasheet of Natrosol™ HBR. It is a water-soluble, non-ionic hydroxyethylcellulose surface treated with glyoxal. chemistry: cellulosics. The surfactant compatibility, Natrosol™ hydroxyethylcellulose (hec), a nonionic, water-soluble polymer, is a white, free-flowing granular powder. It is made by reacting ethylene oxide with alkali Natrosol™ Hydroxyethylcellulose grades have designations denoting characteristics like molecular weight/viscosity, solubility profile, and stability.