

Syntapon DS-P - Sodium decyl sulfate (SDS)

Syntapon DS-P

Identification

Chemical description	Sodium decyl sulfate based on linear fatty alcohol C10
INCI name	Sodium Decyl Sulfate
IUPAC name	sodium decyl sulphate
CAS #	142-87-0
EC #	205-568-5

Syntapon DS-P is an anionic surfactant with medium foaming, low viscosity and low cloud point profile. It is a superior dispersing, wetting and emulsifying agent suitable for use in the production of gypsum boards, fire-fighting foams, carpet and upholstery cleaners, special industrial and all-purpose cleaners, oil fields and in the latex manufacture.

Unique properties of **Syntapon DS-P** allow it to be used in ion pair chromatography and micellar electrokinetic capillary chromatography (MEKC).

Physical and chemical properties

appearance at 20°C	clear yellowish liquid
density at 20°C, g/cm ³ , c.	1.02
active matter, % wt.	36 ± 1
pH, 3% aqueous solution	8.0 - 10.0

Application areas

HI&I cleaning
Emulsion polymerization
Fire-fighting
Industrial auxiliaries
Construction chemicals
Oil fields

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