

IRAN CHEMICAL & PETROCHEMICAL IND.'S Co.



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Product Data Sheet

Chemical Name:	Cocoamido Propyl Betaine
Registration M.O.H. No. :	38/11463
Structure:	$ \begin{array}{c} \text{O} \\ \parallel \\ \text{R} - \text{C} - \text{NH} - \text{CH}_2 - \text{CH}_2 - \text{CH}_2 - \text{N} - \text{CH}_2 - \text{COO} \\ \begin{array}{c} \text{CH}_3 \\ \\ \oplus \\ \text{CH}_3 \end{array} \end{array} \oplus $
Appearance:	Clear low viscosity liquid
Character:	Amphoteric
Colour	Pale Yellow
Molar Mass	355
Active Matter	30 ± 1%
Dry Matter	33-36%
Sodium Chloride	4.5 – 5.5%
Water	64-67%
PH (100%)	4.5-5.5
Properties:	<p>It is perfectly compatible with anionic, cationic and non ionic surfactant.</p> <p>It can produce rich and fine foams formulated with adequate proportion of anionic surfactant. It has significant thickening effect, it has excellent tolerance to skin, it can effectively reduce the irritation.</p> <p>It has antibiotic function. It has excellent antistatic property being an ideal conditioning agent.</p>
Applications:	With the properties enumerated above, it is applied in baby shampoos, hair shampoos.
Storage:	To be protected from frost. Recommended store at room temperature.