

IRAN CHEMICAL & PETROCHEMICAL IND.'S Co.



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Product Data Sheet

Chemical Name:	Ammonium Lauryl Ether Sulphate 70%
Registration M.O.H. No. :	38/13368
Structure	$R(OC_2H_4)_2 - O - SO_3NH_4$
Appearance:	Colorless to yellow smooth paste at ambient temp.
Character	Anionic
Molar Mass	379
Active Matter	70 ±2%
Unsulphated Material	2.5% max.
Sulphate Ion	0.8% max.
Chloride Ion	0.03% max.
Dioxane 1-4	50 p.p.m max.
Iron Content	20 p.p.m max.
PH 3% aq. solution	6.5 -7.5
Properties	Ammonium Lauryl Ether Sulphate is considered by some, to be best foamer and cleanser and it has the advantage over the sodium salt of being less prone to hydrolysis at low PH values. Active material in shampoos, liquid detergent and bath products.
Application	Among proposals to minimize to the hair and skin, there should be mentioned a trend to promote shampoos of lower PH
Storage	The product should be protected from frost, advisable bulk-storage 20 - 40°C.