

## Technical Data Sheet

Product Info	
Trade Name	<b>Padapon TE-230</b>
Overview	Padapon TE-230 is an anionic surfactant providing dense creamy foam along with great viscosity characteristics. It can easily be formulated with alkanol amides and amphoteric surfactants to adjust the foaming and viscosity properties. This surfactant is a good emulsifier and has good dispersing properties regardless of hardness of water and because of very low skin sensitivity can be used in products like baby shampoos.
Chemical Name	Triethanolamine Alkyl (C12-C14) Ether (2 EO) Sulfate
Chemical formula	$\text{CH}_3-(\text{CH}_2)_n-(\text{OCH}_2)_m-\text{OSO}_3\text{H}-\text{TEA}$ $n = 11 - 13, \quad m = 2$
Synonyms	TEA Lauryl Ether Sulfate, TEA Alkyl Ethoxy Sulfate, TLES
Molecular Weight	514
Cas Number	27028-82-6
Specifications	
Active Matter (%)	$30 \pm 1$
Appearance	Light yellow viscous liquid
TEA Sulfate (%)	Max 1.0
Unsulfated Matter (%)	Max 1.0
Color (Hazen)	Max 30
pH (10 % solution)	6-7
Dioxane (ppm)	Max 50
Alkalinity	Max 0.1
Heavy metal	Max 20.0
Packaging Info	

Packaging	220 Kgs/HDPE drum
Storage	Keep stored in cool and dry place away from sun rays
Shelf Life	1 year
Other Info	
Applications	Shampoos, Body Wash, Facial Cleansers, Baby Shampoos
Details	For more details, please contact us by phone (+98-21-43413000) or by email (info@psgharb.com)