

Technical Data Sheet

Product Info

Trade Name	Padapon SE-170
Overview	Padapon SE-170 is an anionic surfactant providing excellent foam regardless of water hardness and low skin irritation properties making it suitable for mild cleansing as well as baby products. It can also be used as an additive and scouring agent in textile application, in a variety of agricultural applications as well as a foaming and wetting agent in oil field applications.
Chemical Name	Sodium Alkyl (C12-C14) Ether (1 EO) Sulfate
Chemical formula	$\text{CH}_3-(\text{CH}_2)_n-(\text{OCH}_2)_m-\text{OSO}_3\text{-Na}$ $n = 11 - 13, \quad m = 1$
Synonyms	Sodium Lauryl Ether Sulfate, Sodium Alkyl Ethoxy Sulfate, SLES
Molecular Weight	340
Cas No.	1335-72-4 or 68891-38-3

Specifications

Active Matter (wt%)	68.0-72.0
Appearance	Colorless or Light yellow paste
Sodium Sulfate (wt%)	Max 1.5
Unsulfated Matter (wt%)	Max 2.5
NaCl%	Max 0.3
Color (Hazen)	Max 30.0
pH (5% solution)	6.0-8.5
1,4-Dioxane (ppm)	Max 50
Oxidant (ppm)	0.0
Fe(ppm)	Max 20
Formaldehyde(ppm)	Max 250
Heavy metal (ppm)	Max 20.0

Packaging Info

Packaging	210 Kgs/HDPE drum
Storage	Keep stored in cool and dry place away from sun rays
Shelf Life	1 year
Other Info	
Applications	Laundry, Shampoos, Body Wash, Facial Cleansers, Gypsum Additives, Textile Wet Processing, Gas and Oil Recovery, Gas Well Dewatering, Drilling Additives, Degreasing Agent, Printing and Dyeing, Leather Industries
Details	For more details, please contact us by phone (+982143413000) or by email (info@psgharb.com)