



## TECHNICAL DATA SHEET

### PRODUCT INFO:

PRODUCT NAME	SODIUM LAURYL ETHER SULPHATE (70%)
Abbreviation	SLES 70%
CHEMICAL NAME	Sodium Lauryl Ether Sulphate 70% 2 Ethoxylate (EO)
CHEMICAL FORMULA	$R(CH_2-O-CH_2)_n - OSO_3Na$ (n = 1 – 4)
MOLECULAR WEIGHT	382 - 386

### SPECIFICATION

Surfactant Type	ANIONIC
Physical Appearance	Colorless to pale yellow pourable gel
Active Matter	70 ± 2%
Sodium sulphate on 100%AM	Max. 1.0%
Free Oil (NDOM) on 100%AM	Max. 3.0%
PH (4% aq.soln. wt/wt)	7.0 – 9.0
Colour (5% AM soln. wt/wt, 40mm cell)	Max. 10 Klett

### PACKAGING INFO:

**PACKAGING:** 170 Kgs/225 Kgs/1000 Kgs in HDPE wide mouth drums/IBC  
**QUANTITY:** Palletized: 18 MT (225 Kgs) & 18.36 MT (170 Kgs)  
**IMDG CLASS:** Not regulated as a hazardous material  
**IMO UN No.:** Not regulated as a hazardous material  
**PACKING GROUP:** Not regulated as a hazardous material  
**STORAGE:** KEEP CONTAINERS TIGHTLY CLOSED & STORE IN COOL & DRY PLACE  
**SHELF LIFE:** 3 YEARS

### Other Info:

**Main Application:** Shampoo, hand wash, body wash, detergent  
**Activity/Function:** Widely used in liquid detergent such as dishware, pearly shampoo, bubble bath & hand cleaner. It is incorporated in cosmetics and personal care products. It is also used as an emulsifying & wetting agent as it reduces surface tension.