



SLES

Description

1. **SLES, or Sodium Laureth Sulfate**, is a widely used synthetic detergent and surfactant found in many personal care and household products, such as shampoos, soaps, and detergents. It's known for its excellent ability to create foam, reduce water's surface tension, and effectively remove dirt and oil, acting as a synthetic soap. While effective and safe at typical concentrations, prolonged exposure to concentrated SLES can cause skin irritation.

Application

- **Dishwashing Liquids**
- **Shampoo & Shower Gel**
- **Soap Bars**

PROPERTY	TEST METHOD	UNIT	RESULT
FORM	-	-	PASTE
COLOR	-	-	LIGHT YELLOW/COLORLES S
ANIONIC ACTIVE METTER	QTM 003	%	68-72
FREE OIL	QTM 051	%	MAX 2.5
NACI	QTM 052	%	MAX 0.5
FREE SULPHATE (AS NA 2504)	QTM 282	%	MAX 1.5
PH 5%	QTM 041	-	7.5 - 9
FE	QTM 134	PPM	MAX 20
FREE OXIDANT	QTM 075	PPM	MAX 250
OXIDANT	QTM 285	PPM	0
COLOR (SOLUTION 10%)	QTM 030	HAZEN	MAX 30
MOLECULAR WEIGHT	-	GR/MOL	384
DIOXAN	QTM 085	PPM	MAX 50