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## Technical Data sheet

### 1. Identification

#### Product identifier

Other means of identification **TIDAPEARL** (sodium Lauryl Ether Sulfate Pearling Agent)

Chemical Description Anionic surfactant /Ester Blend

CAS Registry No 3088-31-1, 111-60-4

INCI Name Sodium Lauryl Ether Sulfate/Glycol Stearate

### 2. Applications

Tidapearl is a special blend which enables the formulator to incorporate a pearlescent appearance into shampoos, bubble baths, dishwashing liquids, and other personal care products without additional heating or extended processing time.

The unique emulsifier package in Tidapearl produces excellent pearlescence through cold blending. This excludes the need for external heating such as with mono and di-stearates and allows the formulator to produce a product at ambient temperatures. As a result, the formulator benefits from direct energy savings as well as quicker batch cycling.

It is recommended that Tidapearl be incorporated into alcohol sulfate or alcohol ethoxylate systems. Common use levels of 1% to 5%, depending on the desired intensity of pearlescence desired, are recommended. Typically, 2.5% to 3% will achieve an aesthetically acceptable pearl.





### 3. Neutralization of TIDAPEARL

Typical Properties	
Appearance at 25°C	White, pearlescent cream
Solids, %	42.0
pH, 10% in H <sub>2</sub> O	7.0
Actives, % (MW 384)	27.5
Sodium Chloride, %	2
Freeze Point, °C (°F)	1(34)
Flash Point (PMCC), °C (°F)	>96(.201)
Viscosity, cps at 25°C	12200
Viscosity, cps at 60°C	1250
Density, g/ml (lbs/U.S. gal).	1.02(8.5)

#### Storage & Handling

Normal safety precautions (i.e. gloves and safety goggles) should be employed when handling Tidapearl. Contact with the eyes and prolonged contact with the skin should be avoided. Wash thoroughly after handling material.

It is recommended that Tidapearl be stored in sealed containers and kept at temperatures kept between 40°F (4.5°C) and 110°F (43.3°C). Avoid overheating or freezing. If material is frozen, mild heat and agitation are recommended to ensure the material is homogeneous before use.

Standard Packaging: Tidapearl is available in 90 kg drums.

#### Additional Safety Information

A Material Safety Data Sheet is available upon request.

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