

Technical Data sheet

1. Identification

Product identifier

Other means of identification	Pearling Agent (sodium Lauryl Ether Sulfate <u>PearlingAgent</u>)
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

Pearling Agent 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 Pearling Agent 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 Pearling Agent 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 ₂ 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 Pearling Agent. Contact with the eyes and prolonged contact with the skin should be avoided. Wash thoroughly after handling material.

It is recommended that Pearling Agent 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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