

TECHNICAL DATA SHEET

Trade Name:	Pearlan BA		
INCI:	Behenyl Alcohol /n-Docosanol		
Cas. No:	661-19-8		
EINECS:	211-546-6	Article No:	201012

ITEM	STANDARD
Appearance	White solid
Color Hazen	≤30.0
Melting point	67.0°C – 70.0°C
Acid Value	≤0.1mg KOH/g
Saponification value	≤1.0
Water	≤0.1%
Iodine value	≤1.0g I ₂ /100g
Hydroxyl value	172.0 – 178.0 mg KOH/g
C16 (GC)	≤0.3%
C18 (GC)	≤3.0%
C20 (GC)	12.0 – 17.0%
C22 (GC)	80.0 – 85.0%
C24 (GC)	≤3.0%

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Product Description:

Pearlan BA (Behenyl Alcohol), also known as Docosanol, is a long-chain fatty alcohol widely used in cosmetic and personal care formulations. It functions primarily as an **emollient, thickener, and co-emulsifier**. With its high melting point and waxy consistency, Behenyl Alcohol imparts a rich, smooth texture to creams, lotions, and conditioners, improving their spreadability and stability.

Application:

It is widely used in

- Skin creams and lotions
- Hair conditioners and masks
- Deodorant sticks and balms
- Sunscreens and lip care products

Storage:

Keep away from light and moisture. It should be stored in cool and dry place at room temperature.

Dosage:

1.0% - 6.0%

Shelf time:

2 years from manufacturing date