

TECHNICAL DATA SHEET (TDS)

Premium White Soap Base

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1. Product Description

A premium melt & pour soap base manufactured by Kosmos Toiletries using fatty-acid neutralization technology with high levels of polyols for superior clarity, melt performance and mildness. Designed for professional soap makers and private-label brands.

2. Typical Composition

Aqua, Sodium Stearate, Sodium Laurate, Sorbitol, Glycerin, Propylene Glycol, Sodium Laureth Sulfate, Sodium Lauryl Sulfate, Titanium Dioxide, Sodium Chloride, Stearic Acid, Lauric Acid, Citric Acid, Sodium Citrate, Tetrasodium Etidronate. (Hardness-optimised; moderated glycerin.)

3. Typical Physical & Chemical Properties

Appearance	White solid block
Color	White
Odor	Mild characteristic odor
pH (1% solution)	9.0 – 10.5
Moisture Content	10 – 16%
Foaming Performance	Rich and creamy
Hardness	High
Opacity	Opaque

4. Application

Beauty soap, milk soap, moisturising soap, herbal soap, and personal care soap production.

5. Processing Recommendation

Recommended melting temperature: 75 – 80°C. Avoid overheating to prevent discoloration.

6. Packaging

500 g, 1 kg and 10 kg solid blocks packed in protective plastic roll film. Suitable for international export shipping.

7. Storage

Store in a cool, dry, and ventilated place away from direct sunlight.

8. Shelf Life

24 months under proper storage conditions.

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