

TECHNICAL DATA SHEET (TDS)

Premium Goat Milk 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, Goat Milk, Sodium Chloride, Sodium Lauryl Sulfate, Citric Acid, Titanium Dioxide, Sodium Citrate, Tetrasodium Etidronate. (Hardness-optimised; moderated glycerin.)

3. Typical Physical & Chemical Properties

Appearance	Opaque creamy white solid block
Color	Creamy white
Odor	Mild milky odor
pH (1% solution)	9.0 – 10.5
Moisture Content	10 – 16%
Foaming Performance	Rich and creamy
Hardness	High
Skin Feel	Moisturising and smooth

4. Application

Moisturising soap, beauty soap, handmade soap, facial cleansing soap, and premium skincare soap products.

5. Processing Recommendation

Recommended melting temperature: 75 – 80°C. Good colour stability under elevated melt temperatures. Recommended working range: 75 – 80°C.

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 place away from direct sunlight and excessive humidity.

8. Shelf Life

24 months under recommended storage conditions.

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