

TECHNICAL DATA SHEET (TDS)

Aloe Vera 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, Aloe Barbadensis Leaf Juice, Sodium Lauryl Sulfate, Sodium Chloride, Stearic Acid, Lauric Acid, Citric Acid, Sodium Citrate, Tetrasodium Etidronate. (Hardness-optimised; moderated glycerin.)

3. Typical Physical & Chemical Properties

Appearance	Semi-translucent to pale green tint block
Color	Pale green / natural
Odor	Mild characteristic / faint botanical
pH (1% solution)	9.0 – 10.5
Moisture Content	10 – 15%
Foaming Performance	Good to excellent
Hardness	High
Skin Feel	Fresh, soothing

4. Application

Soothing body & facial soaps, summer lines, after-sun care, sensitive skin and herbal collections.

5. Processing Recommendation

Melt at 75 – 80°C. Compatible with additional botanical extracts and light essential oils.

6. Packaging

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

7. Storage

Cool, dry, sealed. Protect from strong light.

8. Shelf Life

24 months under recommended storage conditions.

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