

TECHNICAL DATA SHEET (TDS)

No-Sweat Clear 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, Sodium Chloride, Stearic Acid, Lauric Acid, Citric Acid, Sodium Citrate, Tetrasodium Etidronate. (Low-sweat profile: moderated glycerin & polyols; hardness-optimised for humid markets.)

3. Typical Physical & Chemical Properties

Appearance	Transparent solid block
Color	Clear to light amber
Odor	Mild characteristic odor
pH (1% solution)	9.0 – 10.5
Moisture Content	8 – 13%
Foaming Performance	Good to excellent
Hardness	High
Transparency	High
Sweating tendency	Low
Alcohol Content	None

4. Application

Transparent soaps for humid regions, hotel and gift clear bars with better shelf appearance.

5. Processing Recommendation

Melt at 75 – 80°C. Avoid overheating. Allow full cooling before packaging.

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. Especially important in high humidity.

8. Shelf Life

24 months under recommended storage conditions.

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