

TECHNICAL DATA SHEET (TDS)

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WHITE SOAP BASE

PRODUCT DESCRIPTION

White Soap Base is a premium-quality opaque melt and pour glycerin base, designed for producing solid white or pastel-colored soaps with superior smoothness and mildness. This base delivers a creamy appearance, soft lather, and excellent stability during production and storage.

Made from vegetable oils and cosmetic-grade raw materials, it is free from parabens, animal-derived fats, and harsh surfactants. Its consistent performance and excellent compatibility with natural additives make it ideal for wholesale production, personalized gift sets, and private label manufacturing.

PURPOSE OF USE

Developed for manufacturing opaque soaps with moisturizing properties and elegant texture. Suitable for artisan soap makers, cosmetic producers, and educational workshops. It simplifies soap-making processes while maintaining professional-grade quality and appearance.

APPLICATION AREAS

- Handmade and craft soap manufacturing
- DIY soap-making kits for retail or workshops
- Gift sets, hotel amenities, and beauty boxes
- Private label and OEM cosmetic production
- Spa and wellness product lines
- Custom-formulated soap collections for brands

ADVANTAGES

- Smooth, creamy texture and high-quality white finish
- Excellent fragrance and color retention
- Easy to melt and pour without crystallization
- Compatible with essential oils, natural colorants, and exfoliants
- Provides long-lasting, rich foam and soft skin feel
- Vegan-friendly, cruelty-free, and biodegradable
- Ideal for wholesale, private label, and custom production
- Supports sustainable and eco-conscious formulations

Star Kimya ve Gıda San. Paz. Ltd. Şti.

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DIRECTIONS FOR USE

1. Cut the base into small cubes for faster melting.
 2. Melt at 65–75°C using a double boiler or continuous melting system. Avoid boiling.
 3. Blend desired essential oils (up to 3%), natural colorants, exfoliating agents, or skin care additives.
 4. Pour the melted base into molds. To prevent bubbles, pour slowly and at a controlled temperature.
 5. Cool at room temperature or refrigerate briefly.
 6. Demold once hardened and wrap immediately to prevent moisture absorption.
- For industrial production, the base can be remelted multiple times without loss of performance if handled under controlled humidity and temperature.

COMPOSITION

Glycerin, Aqua, Sorbitol, Sodium Stearate, Sodium Laurate, Propylene Glycol, Titanium Dioxide, Sodium Chloride, Tetrasodium Etidronate. Titanium Dioxide provides the characteristic opaque white color while maintaining stability and uniformity. All ingredients are cosmetic-grade and compliant with EU and FDA standards.

PHYSICAL AND CHEMICAL PROPERTIES

PROPERTY	VALUE / RANGE	TEST METHOD
Appearance	Solid, opaque white block	Visual
Color	White	Visual
pH (10% solution)	7.0 – 8.0	ISO 4316
Density (g/cm ³)	1.02 – 1.05	ISO 758
Melting Point	65 – 75°C	Internal
Solubility	Completely soluble in water	-
Shelf Life	24 months (unopened, dry conditions)	-

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PACKAGING INFORMATION

- 1, 5 kg blocks for small and medium-sized producers
- 20 kg drums for industrial bulk users

Custom sizes and private label packaging options (with brand logo, scent, or mold design) are available upon request. The product can also be included in Allgreen Soap Making Kits or customized Gift Sets for wholesale distribution.

STORAGE CONDITIONS | CERTIFICATIONS | SAFETY INSTRUCTIONS

Store tightly sealed in a cool, dry place between 15–25°C, away from direct sunlight and moisture. Avoid extreme temperature fluctuations to maintain clarity.

Certified under ISO 9001:2015 Quality Management System and ISO 22716:2007 GMP for Cosmetics.

This product is for external use only. Avoid contact with eyes and ingestion. In case of contact, rinse immediately with clean water. Keep out of reach of children. Use gloves when handling melted base. Dispose of residues according to local environmental regulations.

GENERAL INFORMATION

Transparent Soap Base is manufactured by Star Kimya Sanayi Ltd. Şti., a Turkish producer specializing in eco-friendly soap bases, sustainable detergents, and Castile soap formulations under the Allgreen brand.

We offer wholesale and OEM/private label services for international distributors, craft businesses, and cosmetic laboratories seeking customized formulations, fragrances, or packaging.

Allgreen's transparent soap bases are a trusted choice for artisanal soap makers, retailers, and eco-conscious beauty brands across Europe, the Middle East, and North America.

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