

MATERIAL SAFETY DATA SHEET (MSDS / SDS)

Premium Goat Milk Soap Base

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1. Identification of the Substance / Mixture and of the Company

Product name: Premium Goat Milk Soap Base

Product code: KT-GM-001

Recommended use: Raw material for manufacture of toilet / beauty soaps (melt & pour).

Manufacturer: Kosmos Toiletries, Shenzhen, China

Email: info@kosmostoiletries.com **Phone:** +86 130 5810 0920

Website: www.kosmostoiletries.com

2. Hazards Identification

This product is a solid soap base intended for professional use in soap manufacture. It is not classified as hazardous under GHS for the intended use when handled according to good industrial hygiene practice. Molten product may cause thermal burns. Dust or fine particles (if generated) may cause mild mechanical irritation to eyes or respiratory tract. Alkaline pH (typically 9.0–10.5 in dilute solution) – avoid prolonged skin contact with concentrated solutions.

Signal word: None (not classified as hazardous for transport or normal handling).

3. Composition / Information on Ingredients

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.)

Contains fatty acid soaps (lauric / stearic), polyols (glycerin, propylene glycol, sorbitol), and minor functional additives. Exact percentages are proprietary. No substances of very high concern (SVHC) intentionally added above disclosure thresholds.

4. First Aid Measures

Inhalation: Not expected under normal use. If dust inhaled, move to fresh air.

Skin contact: Wash with water. If molten product contacts skin, cool immediately with water and seek medical attention for burns.

Eye contact: Rinse cautiously with water for several minutes. Remove contact lenses if present and easy to do. Continue rinsing. Seek medical attention if irritation persists.

Ingestion: Rinse mouth. Do not induce vomiting. Seek medical advice if large quantity ingested.

5. Fire-Fighting Measures

Suitable extinguishing media: Water spray, foam, dry chemical, CO₂. Product is combustible when exposed to high heat / open flame. Combustion may produce carbon oxides and irritant fumes. Wear self-contained breathing apparatus if fighting fire in confined space.

6. Accidental Release Measures

Solid product: collect mechanically and place in suitable containers for reuse or disposal. Avoid generating dust. Prevent entry into drains / watercourses in large quantities. Molten product: allow to solidify, then collect.

7. Handling and Storage

Handling: Use appropriate PPE when melting (heat-resistant gloves, eye protection). Avoid prolonged skin contact with molten material. Do not eat, drink or smoke when handling.

Storage: Store in a cool, dry place away from direct sunlight and excessive humidity. Keep packaging sealed. Away from strong oxidisers and foodstuffs.

8. Exposure Controls / Personal Protection

No specific occupational exposure limits established for the mixture. Engineering controls: adequate ventilation when melting large quantities. PPE: safety glasses, heat-resistant gloves when handling molten base; protective clothing as needed. Respiratory protection not normally required.

9. Physical and Chemical Properties

Physical state	Solid block
Appearance	Opaque creamy white solid block
Colour	Creamy white
Odour	Mild milky odor
pH (1% aq.)	9.0 – 10.5
Melting / working range	Approx. 75 – 80 °C (softening / melt)
Moisture	10 – 16%
Solubility in water	Dispersible / soluble (forms soapy solution)
Flash point	Not determined (solid organic material)

10. Stability and Reactivity

Stable under recommended storage conditions. Formulated for good colour stability under elevated melt temperatures. Recommended working range is typically 75–80 °C. Incompatible with strong oxidising agents and strong acids. Hazardous decomposition: carbon oxides under fire conditions.

11. Toxicological Information

Based on composition and intended use, the product is expected to have low acute toxicity. May cause mild irritation to eyes or skin in concentrated form or as molten material (thermal burn). Not expected to be sensitising under normal use. No specific chronic toxicity data available for the mixture.

12. Ecological Information

Fatty acid soaps and polyols are generally biodegradable. Avoid large releases to the environment. No specific aquatic toxicity data for the finished base; handle according to local regulations.

13. Disposal Considerations

Dispose of contents / container in accordance with local, regional and national regulations. Unused product may be suitable for recovery or disposal via licensed waste contractor. Do not discharge large quantities to sewer.

14. Transport Information

Not classified as dangerous goods for transport by road (ADR), sea (IMDG) or air (IATA) under current regulations. Transport as general cargo. Protect from moisture and excessive heat.

15. Regulatory Information

Complies with general requirements for cosmetic / personal-care raw materials in major markets when used as directed. User is responsible for ensuring compliance with local cosmetic and chemical regulations in the country of use.

16. Other Information

This SDS is prepared in good faith based on available information as of 2026-05-10. It does not constitute a warranty or specification. Users should make their own assessment of the suitability of the product for their intended application and of the completeness of the information for their purposes. For further technical information contact info@kosmostoiletries.com.