

TDS Sapogel® Q

DEFINITION

Sapogel® Q is a liquid blend which acts as a natural oil thickening agent to make balm textures.

ORIGIN OF THE RAW MATERIALS

The product is manufactured from raw materials of strictly vegetable origin.

PRODUCT DETAILS

Commercial Name: Sapogel® Q

Manufacturer: Alchemy Ingredients., 4 Queens Square, Business Park, Ascot, SL5 9FE, UK

INCI: Glycerin, Aqua, *Quillaja saponaria* Wood Extract, *Saponaria officinalis* Leaf/Root Extract

COMMON NAME	CAS #	EC #
Glycerin	56-81-5	200-289-5
Aqua	7732-18-5	231-791-2
<i>Quillaja saponaria</i> Wood Extract	68990-67-0	273-620-4
<i>Saponaria officinalis</i> Leaf/Root Extract	84775-97-3	283-921-2

Please note that no components of Sapogel® Q are palm derived.

APPLICATIONS

- Cleansers
- Body and Lip balms
- Spa products (masks, scrubs, massage gels)
- Hair care
- Baby products

USE LEVELS / GUIDELINES FOR USE

- 20-25% to create an oily gel
- Up to 5% water can be added to give a creamy texture
- Can be used in a cold process or heated if required.
- Shake/stir well before use
- Keep final formulation between pH 4 - 8

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KEY PROPERTIES

- Biodegradable
- Preservative free
- Easy to use liquid
- To be used at room temperature or at temperatures to 80°C
- Hydrating / moisturising properties
- Mild & safe to the skin

STORAGE

Keep away from moisture by storing in tightly closed containers away from extreme temperatures. Shake/Stir before use.

PACKAGING

25kg plastic pails.

SAFETY

For information on the safety of this product, please consult the material safety data sheet (MSDS).

SHELF LIFE

Sapogel® Q has a 2-year shelf life.

The product should be re-analyzed after a 2-year storage period under recommended storage conditions.

SPECIFICATION

Appearance	Brown liquid
Smell	Characteristic
Specific Gravity (S.G) @ 20°C	1.01 – 1.50
pH @ 20°C	4.0 - 6.5
Refractive Index	1.20 – 1.50
Viscosity @ 20°C (cps)	100 - 350
TVC Bacteria (cfu/g)	<10
TVC Yeasts & Moulds (cfu/g)	<10

TYPICAL VALUES

Colour (Gardner)	5.0 – 8.0
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