TDS Microgel JB

DEFINITION
Microgel JB is a liquid which acts as natural oil thickening agent and cold process emulsifier with Jojoba Oil.

ORIGIN OF THE RAW MATERIALS
The product is manufactured from raw materials of strictly vegetable origin.

INSCRIPTIONS
Commercial Name: Microgel JB
INCI: Glycerin, Caprylic/Capric Triglyceride, Aqua, Sucrose Laurate, *Simmondsia chinensis* (Jojoba) Seed Oil, Sucrose Stearate, Sucrose Palmitate

COMMON NAME	CAS #	EC #
Glycerin	56-81-5	200-289-5
Caprylic/Capric Triglyceride	73398-61-5	277-452-2
Aqua	7732-18-5	231-791-2
Sucrose Laurate	25339-99-5	246-873-3
Jojoba Seed Oil	61789-91-1(US)/90045-98-0(EU)	289-964-3
Sucrose Stearate	25168-73-4	246-705-9
Sucrose Palmitate	26446-38-8	247-706-7

NATURAL / ORGANIC LABEL
Microgel JB is applicable for validation by ECOCERT®GREENLIFE according to the natural and Organic Cosmetic Standards.
Additionally, Microgel JB is applicable for Approval according to the COSMOS standard available on the COSMOS association website http://cosmos-standard.org/
We would like to draw your attention to the fact that this product is not organically or naturally certified at the current time.

RSPO STATUS
Alchemy Ingredients Ltd. is in compliance with the RSPO Supply Chain certification Standard and is authorized to process RSPO certified palm oil products through the Mass Balance supply chain model (Alchemy Ingredients Ltd. RSPO certification number: BMT-RSPO-000989)
Microgel JB is certified RSPO Mass balance. It can be used in cosmetic products, certified accordingly to this standard.
More information on: www.rspo.org/certification/

TDS Microgel JB

APPLICATIONS

- Cleansers
- Make-up remover
- Spa products (masks, scrubs, massage gels)
- Creams and lotions
- Hair care
- Sun care
- Baby products

USE LEVELS / GUIDELINES FOR USE

- 15-20% to create an oily gel
- 5-10% as a cold process emulsifier in o/w emulsions
- Keep final formulation between pH 4 - 8
- Can be used either at room temperature or at temperatures up to 80ºC
- Shake/stir well before use

KEY PROPERTIES

- Biodegradable
- Preservative free
- Easy to use liquid
- To be used at room temperature or at temperatures to 80ºC
- 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

Microgel JB has a 2-year shelf life.
The product should be re-analyzed after a 2-year storage period under recommended storage conditions.

Alchemy Ingredients, 4 Queens Square, Business Park, Ascot, Berkshire, SL5 9FE, UK
t. +44 (0)1344 397 785 e. technical@alchemy-ingredients.com
Registered in England & Wales No. 10626359

TDS Microgel JB

SPECIFICATION

Appearance	Slightly cloudy, pale-beige liquid
Smell	Characteristic
Specific Gravity (S.G) @ 20°C	1.01 – 1.50
pH @ 20°C	5.0 - 7.5
Viscosity @ 20°C (cps)	200 – 1500
TVC Bacteria (cfu/g)	<10
TVC Yeast & Moulds (cfu/g)	<10

Name: Lloyd Warren
Signature:



Position: Operations manager
Issue Date: 12/01/2026

Alchemy Ingredients, 4 Queens Square, Business Park, Ascot, Berkshire, SL5 9FE, UK
t. +44 (0)1344 397 785 e. technical@alchemy-ingredients.com
Registered in England & Wales No. 10626359