TDS Sucragel® AOF

DEFINITION
Sucragel® AOF is a liquid which acts as natural oil thickening agent and cold process emulsifier.

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

PRODUCT DETAILS
Commercial Name: Sucragel® AOF
INCI: Glycerin, *Prunus amygdalus dulcis* (Sweet almond) Oil, Sucrose Laurate, Aqua

INCI	CAS #	EC #
Glycerin	56-81-5	200-289-5
Prunus amygdalus dulcis (Sweet Almond) Oil	8007-69-0	616-913-8
Sucrose Laurate	25339-99-5	246-873-3
Aqua	7732-18-5	231-791-2

NATURAL / ORGANIC LABEL
Sucragel® AOF has been validated by ECOCERT®GREENLIFE according to the natural and Organic Cosmetic Standards. It can be used in cosmetic products, certified accordingly to this standard.
Additionally Sucragel® AOF has been validated 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 certified.

RSPO STATUS
Alchemy Ingredients Ltd. complies 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)
Sucragel® AOF is certified RSPO Mass balance. It can be used in cosmetic products, certified accordingly to this standard.
More information on: www.rspo.org/certification/

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

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USE LEVELS / GUIDELINES FOR USE

- 20-25% to create an oily gel (Sucragel® AOF will only gel vegetable oils and vegetable butters)
- 5-10% as a cold process emulsifier in o/w emulsions
- Keep final formulation between pH 5 – 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.

SHELF LIFE

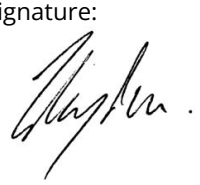
Sucragel® AOF has a 2-year shelf life.
The product should be re-analyzed after a 2-year storage period under recommended storage conditions.

SPECIFICATION

Criteria	Specification
Appearance	Pale Yellow liquid
Smell	Characteristic
Specific Gravity (S.G) @ 20°C	1.080-1.120
pH @ 20°C	5.5 - 7.5
Viscosity @ 20°C (cps)	3000-5000
TVC Bacteria (cfu/g)	<10
TVC Yeast & Moulds (cfu/g)	<10

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Name: Lloyd Warren
Signature:



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

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