

Sucrose Ester Gel AOF

PRODUCT DETAILS

Commercial Name: Sucrose Ester Gel AOF

INCI: Glycerin, *Prunus amygdalus dulcis* (Sweet almond) Oil, Sucrose Laurate, Aqua

INCI	CAS	EC
Glycerin	56-81-5	200-289-5
<i>Prunus amygdalus dulcis</i> (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

Sucrose Ester Gel AOF is Non-Organic but has been validated by ECOCERT® GREENLIFE according to the Natural and Organic Cosmetic Standards. It can be used in cosmetic products, certified accordingly.

RSPO STATUS

Sucrose Ester Gel AOF is certified RSPO MB. It can be used in cosmetic products, certified accordingly.

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

- 20-25% to create an oily gel (Sucrose Ester Gel AOF will only gel vegetable oils and vegetable butters)
- 5-10% as a cold process emulsifier in o/w emulsions
- Formulation must remain between pH 4-8 at all times
- Can be used either at room temperature or at temperatures up to 80°C
- Shake/stir well before use

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

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