

# Sucrose Ester Gel AOF BIO

## PRODUCT DETAILS

Commercial Name: Sucrose Ester Gel AOF BIO

INCI: Glycerin, *Prunus amygdalus dulcis* (Sweet Almond) Oil, Sucrose Laurate, *Citrus aurantium dulcis* (Orange) Fruit Water

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
<i>Citrus aurantium dulcis</i> (Orange) Fruit Water	84012-28-2	None

## NATURAL / ORGANIC LABEL

Certified as 92% Organic by ECOCERT® GREENLIFE according to COSMOS standards available at <http://cosmos.ecocert.com>.

100% natural origin of total. Manufactured from raw materials of strictly vegetable origin.

92% of the total ingredients are from Organic Farming.

## APPLICATIONS

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

## USE LEVELS / GUIDELINES FOR USE

- 20-25% to create an oily gel (Sucrose Ester Gel AOF BIO 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

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