

# Mango Glow Spray (SPF 30)

Lightweight body spray designed to leave the skin nourished, protected and glowing.

ALCHEMY  
ingredients

## Ingredients

Phase	Trade Name	INCI name	% w/w	Supplier
A	Sucragel® AP V2	Glycerine & Aqua & Sucrose Laurate	8.00	Alchemy Ingredients
B	Escalol 517	Butyl Methoxydibenzoylmethane	3.00	
B	Escalol 597	Octocrylene	4.00	
B	Neo Heliopan HMS	Homosalate	8.00	
B	Neo Heliopan OS	Ethylhexyl Salicylate	5.00	
B	Caprylic/Capric Triglyceride	Caprylic/Capric Triglyceride	5.00	
B	Mango Butter	Mangifera indica (Mango Butter)	0.5	
C	Water	Aqua	63.00	
C	Sucrathix VX	Microcrystalline Cellulose, Cellulose Gum, Xanthan Gum	1.50	Alchemy Ingredients
D	Euxyl® PE9010	Phenoxyethanol & Ethylhexylglycerin	1.00	
D	Mango fragrance	Parfum	0.60	
D	Gold EcoSparks	Mica	0.10	
D	FD & C Yellow 5 / Red	CI19140 / CI 14700	0.50	

Formulation Code: 056-05-11-00/1

## Ingredient Benefits

### Sucragel® AP V2

- 100% natural origin
- COSMOS Approved
- Uses safe, mild materials
- Gels are shear thinning, easy to pick up and apply
- Creates a wide range of interesting textures
- Forms transparent systems
- Enables general gelling of all oil types

## Method

- Combine Phase B, heat until solids have fully dissolved.
- Slowly add phase B to Phase A under mixing (650-750 RPM) to form an oily gel.
- Combine Phase C, heat to 70°C, homogenise to fully disperse the Sucrathix VX.
- Combine Phase C to the oily gel under mixing, homogenise for 5 minutes at 2500-3500 RPM.
- When cooled add Phase D.

## Characteristics

### Stability

Stable for 3 weeks at 50°C and 3 months at 40°C

### Appearance

Light pink emulsion

### PH

6.50-7.50

### Viscosity

Spindle 03 @ 30 RPM 1400 - 1800 (Model: Brookfield DV-E. Sample temperature: 20°C (±5 °C). Fill size: 100g)

✓ COSMOS

✓ Natural origin

✓ Vegan

✓ PEG Free

✓ Sustainable

## Adapt the Formula

- Change oils for a different skin feel
- Add more shimmer for a dramatic effect
- Change fragrance and colour

The formulation above is intended for information purposes only based on the best of our knowledge. It is the responsibility of the customer to undertake the appropriate testing to determine the suitability of the product for their intended use.