



6672 MIMOSA



## INTRODUCTION

Our brand-new KahlWax 6672 Mimosa (INCI: *Acacia Decurrens Flower Cera*) is a natural, light colored and hard wax with medium melting point (around 60 °C) that is derived from the blossoms of *Acacia decurrens*.

*Acacia decurrens*, also known as black wattle, is a perennial tree native to Australia, but cultivated around the world for both aesthetic and practical reasons. The tree grows to a height of 2-15 m and has many small, densely packed golden yellow flowers that resemble cotton or pompoms and emit a delicate, sweet fragrance. The flowers are harvested for use as cut flowers and are known in the florist trade as "mimosa" (not to be confused with the plant genus *Mimosa*) because their finely feathered leaf shape is reminiscent of it. They are often associated with spring and symbolize hope and joy, as well as strength, sensitivity, and sensibility. The flowers are a traditional gift to women for International Women's Day. They are also harvested for their essential oil, commonly called mimosa absolute oil, which is used in the perfume industry and aromatherapy. Said to relieve stress and reduce tension and anxiety, it is also used in skin care, where it can help nourish, soften, and soothe inflamed, oily or sensitive skin.

To obtain mimosa essential oil the blossoms are extracted, yielding the mimosa concrete which is extracted once more to obtain the crude mimosa wax and the absolute (essential oil). After further refining steps in Germany our KahlWax 6672 Mimosa is complete. Mimosa wax is very sustainable, as it is a formerly unwanted by-product of the perfume industry and thus an upcycled raw material.

KahlWax 6672 Mimosa is suitable for the use in vegan and natural cosmetics and is compliant with Halal and Kosher requirements.

## FORMULATIONS

Delightful hands | natural hand cream | SC-HAN-005-05 | pot

Joystick | natural solid body balm | SC-BOD-052-07 | stick

Pleasure spender | infinity balm | SC-BOD-042-08 | pot

Pure joyride | cleansing balm | SC-FAC-024-13 | pot

## SKIN | DELIGHTFUL HANDS | NATURAL HAND CREAM | SC-HAN-005-05 | TUBE

Tackle dry, irritated hands with this moisturizing hand cream enriched with calming mimosa wax. The natural and vegan formula is quickly absorbed and leaves hand feeling silky smooth.

Phase	Tradename	INCI (EU)	Supplier	%
A	Water	Aqua	--	ad 100
A1	Glycerin	Glycerin	Merck	3.00
	Xanthan Gum	Xanthan Gum	--	0.50
B	Dermofeel GSC	Glyceryl Stearate Citrate	Evonik Dr. Straetmans	3.00
	Tego Alcanol 16/18	Cetearyl Alcohol	Evonik	2.50
	Almond Oil	Prunus Amygdalus Dulcis Oil	Henry Lamotte	20.90
	KahlWax 6672 Mimosa	Acacia Decurrens Flower Cera	Kahl	2.00
	Dermofeel MT 70 non GMO	Tocopherol, Helianthus Annuus (Sunflower) Seed Oil	Evonik Dr. Straetmans	0.10
C	Preservative			q.s.

### Procedure

Add phase A1 to A at 55 °C and mix until completely dissolved. Heat phase A/A1 and B separately to 75-80 °C. Add phase B to A/A1 under stirring. Homogenize for 90 seconds. Cool under moderate stirring. Add phase C below 40 °C. Cool further to RT and fill into suitable packaging.



Natural content: 91.50 % (incl. water, acc. to ISO 16128)

Natural origin content: 100 % (incl. water, acc. to ISO 16128)



## SKIN | JOYSTICK | NATURAL BODY BALM | SC-BOD-052-07 | TWIST-UP STICK

From head to toe, this natural body balm stick provides instant care, moisture and comfort to any dry spot. The convenient on-the-go formula provides the skin with nutrients and forms a protective film thanks to the contained mimosa wax.

Phase	Tradename	INCI (EU)	Supplier	%
A	KahlJelly 7037 Berry	Ricinus Communis Seed Oil, Rhus Verniciflua Peel Cera, Tocopherol, Helianthus Annuus Seed Oil	Kahl	ad 100
	KahlWax 6672 Mimosa	Acacia Decurrens Flower Cera	Kahl	4.00
	KahlWax 2227 Megaveggie	Oryza Sativa Bran Cera, Hydrogenated Coconut Oil, Hydroxystearic Acid	Kahl	9.70
	Softigen Pura	Olus Oil	IOI Oleo	29.30
	WITARIX MCT 60/40 coconut based	Caprylic/Capric Triglyceride	IOI Oleo	9.80
B	White Castor Oil Disp COD 8008	Ricinus Communis Seed Oil, CI 77891	Sun Chemical	0.50



### Procedure

Melt all ingredients at 90 °C. Fill into suitable packaging at 75 °C.

COMPLIES  
WITH  
ISO  
16128

Natural content: 56.29 % (incl. water, acc. to ISO 16128)

Natural origin content: 100 % (incl. water, acc. to ISO 16128)

## SKIN | PLEASURE SPENDER | INFINITY BALM | SC-BOD-042-08 | POT

Enriched with the relaxing fragrance of mimosa wax, this rich and nourishing balm ensures a delightful skin care experience. The formula has a pleasantly smooth and rich texture that melts easily upon skin contact.

Phase	Tradename	INCI (EU)	Supplier	%
A	Water	Aqua	--	10.65
	Eumulgin SG	Sodium Stearyl Glutamate	BASF	0.30
	Glycerin	Glycerin	Merck	31.50
B	Miglyol Coco 810	Coco-Caprylate/Caprate	IOI Oleo	ad 100
	Coconut Oil (refined)	Cocos Nucifera Oil	Gustav Heess	7.10
	Emulium Mellifera MB	Polyglyceryl-6 Distearate, Jojoba Esters, Polyglyceryl-3 Beeswax, Cetyl Alcohol	Gattefossé	6.00
	Cutina GMS-SE	Glyceryl Stearate SE	BASF	3.00
	KahlWax 6672 Mimosa	Acacia Decurrens Flower Cera	Kahl	2.00
C	Unicert Violet K7025-J (0.10 %)	Aqua, CI 60730	Sensient	1.00
D	Preservative			q.s.

### Procedure

Combine phase A ingredients and stir until a homogeneous gel is obtained. Heat phase A and B separately to 75 °C. Add phase B to A under slow stirring. Avoid the formation of foam. Cool to 35 °C and add phase C and D. Fill into packaging.

## SKIN | PURE JOYRIDE | CLEANSING BALM | SC-FAC-024-13 | POT

Reveal smooth, glowing skin and effortlessly dissolve makeup, dirt, and oil with this gentle cleansing balm. The water-free formula melts into a silky oil upon application, leaving skin soft and hydrated without any oily residue.

Phase	Tradename	INCI (EU)	Supplier	%
A	Lumorol K 1000	MIPA-Laureth Sulfate, Laureth-4, Cocamide DEA	Zschimmer & Schwarz	10.00
	KahlWax 6240 Vegetable	Hydrogenated Vegetable Oil	Kahl	5.00
	KahlPolymer 7791 PE	Polyethylene	Kahl	1.00
	KahlWax 2225 Phyto	Helianthus Annuus Seed Cera, Olea Europaea Oil Unsaponifiables, Rhus Verniciflua Peel Cera, Shorea Robusta Resin	Kahl	8.00
	KahlWax 6672 Mimosa	Acacia Decurrens Flower Cera	Kahl	3.00
	Protelan ENS	Glyceryl Stearate, Cetearyl Alcohol, Stearic Acid, Sodium Lauroyl Glutamate	Zschimmer & Schwarz	9.00
	Cetiol C5	Coco-Caprylate	BASF	ad 100
	Miglyol Gel B	Caprylic/Capric Triglyceride, Stearalkonium Hectorite, Propylene Carbonate	IOI Oleo	17.00



### Procedure

Combine phase A ingredients and heat to 90-95 °C. Cool to 80 °C and add phase B. Homogenize for 30 seconds. Remove entrapped air and fill into packaging at 75 °C.

## HOW TO USE

Use level: 0.5-5 %

Application area: Skin & Body Care

Benefits:

Skin Conditioner, Re-fattig Agent, Texture Enhancer, Stabilizer, Pay-off Enhancer

KahlWax 6672 Mimosa forms soft, flexible, and resilient oleogels, making it perfectly suited to stabilize anhydrous formulations. It creates textures that are ideal for soft lip balms and lip gloss. However, due to its low oil binding capacity, it has only minor effect on viscosity. Even in low concentrations, mimosa wax is able to form a protective layer on the skin, making it an ideal choice for skin care formulations such as face and hand creams. Furthermore, it provides a pleasantly smooth skin feel and improves pay-off.

Mimosa wax is easy to use, insensitive to high temperatures, and especially recommended for the use in water-free formulations as well as water-in-oil emulsions. Due to its light color, it has no influence on the color of formulations. Its moderate melting temperature (around 60 °C) allows for low, energy-saving production temperatures. Thanks to its pelletized form, it is very easy to process.

The uplifting and soothing fragrance of KahlWax 6672 Mimosa is noticeable even at low concentrations and can be easily utilized in every kind of formulation, including emulsions and anhydrous systems, making it an ideal natural perfuming agent.

## OUR FLOWER WAXES

Each product in our range of flower waxes is obtained from blossoms during the production of essential oil and is therefore a by-product of the perfume industry. Although they have a similar melting range (around 60 °C), they behave differently in formulations and offer a variety of distinct benefits. What they all have in common is their wonderful fragrance, which is of course characteristic of the flower in question and can be used as a natural perfume.

KahlWax 6672 Mimosa - our brand new joyful addition

KahlWax 6684 Jasmine - in our new and improved lovely quality

KahlWax 6692 Rose - classic and elegant

## WHAT IS UPCYCLING?

Upcycling is a form of recycling in which unusable by-products or waste products are transformed into new materials of higher quality. Unlike recycling or downcycling, upcycling results in an increase in the value of the material. This reuse of existing material reduces the need for newly produced raw materials and thus serves to conserve resources and promote sustainability. Upcycling is becoming increasingly important and reflects the growing interest in environmentally friendly products, especially those that are offered at an affordable price and are profitable for manufacturers. We offer a variety of upcycled waxes, with our flower wax range being a prime example.

QUESTIONS ?

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