



100% NATURAL, VEGAN WAX

UPCYCLED BY-PRODUCT

SUPPORTS SUSTAINABILITY

ECO-CONSCIOUS CHOICE

IMPARTS STRUCTURAL INTEGRITY

EMOLLIENT PROPERTIES



WAXES

# CireNat RICE BRAN WAX

INCI name: *Oryza sativa* (rice) bran wax

100% natural, multifunctional ingredient, delivering structural integrity in formulation.





**01** Harvesting of rice



**02** Upcycling: Rice grain husk by-product

# ORIGIN RICE BRAN WAX



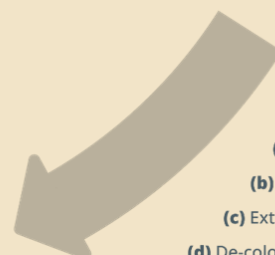
**04** CireNat Rice bran wax

- (a) Melting
- (b) Filtering
- (c) Pastillation
- (d) Sorting



**03** Extraction of refined rice bran wax

- (a) Grind
- (b) Cold pressed
- (c) Extraction of crude rice bran wax
- (d) De-colourising



## CireNat RICE BRAN WAX

Our Rice bran wax is sourced from a natural and renewable plant resource as a **by-product of rice bran oil production**.

### Sustainable source

The production process of our Rice bran wax begins with the harvesting of rice. The rice grains are separated for use in the food industry, while the leftover husks are pressed to yield rice bran oil.

### Waste upcycling

Rice bran oil, a by-product of the rice milling process, undergoes dewaxing to yield two products: dewaxed rice bran oil (for use in industrial sectors) and **crude rice bran wax**.

### Refining a superior, sustainable wax

The crude wax is meticulously refined to create the superior quality final product, which is sustainably sourced and suitable for use in a variety of applications as a **renewable, plant-based and versatile wax**.

# Performance BENEFITS

*Elevate your stick formulations with nature's solution for enhanced hardness, texture, and efficient mould release.*

HIGH MELTING POINT, 3-YEAR SHELF LIFE

STRUCTURE AND STABILITY BOOSTER

SUPERIOR OIL-BINDING PROPERTIES

VISCOSITY MODIFIER AND THICKENER

DELIVERS A MATTE FINISH

# Composition PROFILE

*Rice bran wax is rich in essential fatty acids and phytosterols*

CireNat Rice bran wax is composed of long-chain saturated esters (C46-C62), fatty alcohols (C20-C36), and fatty acids, particularly **palmitic acid**. The product is enriched with phospholipids, phytosterols and **squalene** retained through our meticulous refining process. This composition combination imparts exceptional binding, coating, gelling, texturizing, and antioxidant properties that make it a versatile ingredient for a wide range of formulations.



# Versatile vegan REPLACEMENT

*Rice bran wax is recognized as a vegan alternative to traditional cosmetic ingredients, offering an upcycled and sustainable solution in certain formulations:*

- Candelilla wax replacement
- Carnauba wax replacement
- Ozokerite replacement

\*For more detailed information contact us.

## Technical parameters

Drop melting point	78.0 – 85.0 °C
Congeaing point	73.0 – 78.0 °C



BODY CARE



HAIR CARE



LIP CARE



SUN CARE



OTHER



COLOUR COSMETICS