

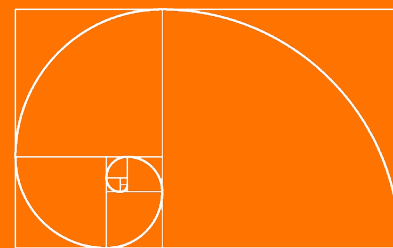


# Phytosphingosine

## PRODUCT INFORMATION

### PHYTOSPHINGOSINE

1.888.55VESTA



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Vesta Ingredients has been a leader in the nutraceuticals industry for over 20 years. The superior quality of Vesta Brand raw ingredients has ensured the success of our clientele.

### What is Phytosphingosine?

Phytosphingosine is a naturally occurring lipid that's used in cosmetics and personal care. It is a phospholipid, which is a type of lipid that is a significant component of all biological membranes.

Since phytosphingosine has been known to replenish the skin's natural barrier function, it is often added to moisturizing and anti-aging products. Many skin types can benefit from phytosphingosine, but those with a compromised skin barrier will see significant improvement.

### Benefits of Phytosphingosine

- Skin Hydration
- UV ray blocker
- Softening and smoothing
- May improve blemishes and discoloration
- Blue light blocker
- Perfect for make-up products

### Why Vesta's Phytosphingosine?

Phytosphingosine is a part of the ceramide line of beauty products that Vesta Ingredients offers. Vesta prides itself in only the highest quality ingredients. With a purity of greater than 95%, this phospholipid will enhance the standard of your beauty line of products.



\*These statements have not been evaluated by the Food and Drug Administration. This product is not intended to diagnose, treat, cure or prevent any disease.

[www.vestaingredients.com](http://www.vestaingredients.com)



**Vesta**<sup>®</sup>

Vesta Ingredients, Inc.

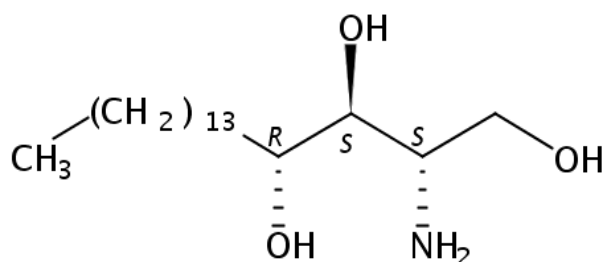


Vesta Nutra®

## The technical side of Phytosphingosine

It is a highly bioactive compound and is involved in diverse cell processes, including cell-cell interaction, cell proliferation, differentiation, and apoptosis. Phytosphingosine is also one of the most widely distributed natural sphingoid bases, which is abundant in fungi and plants, and also found in animals including humans.

Ceramides (Cer) that contain the trihydroxylated sphingoid base phytosphingosine (4-hydroxysphinganine, t18:1 or P) were first discovered in the plant kingdom. Later, these members of the sphingolipid family, which are also called phytoceramides (phytoCer), were detected in human tissues that express desaturase. PhytoCer seem to be essential for proper skin barrier homeostasis because diminished amounts of these phytoCer accompany several skin diseases, such as atopic dermatitis, and psoriasis.



### Product Information:

- Appearance: Powder
- Odor/Taste: Characteristic

### Uses and Product Integration:

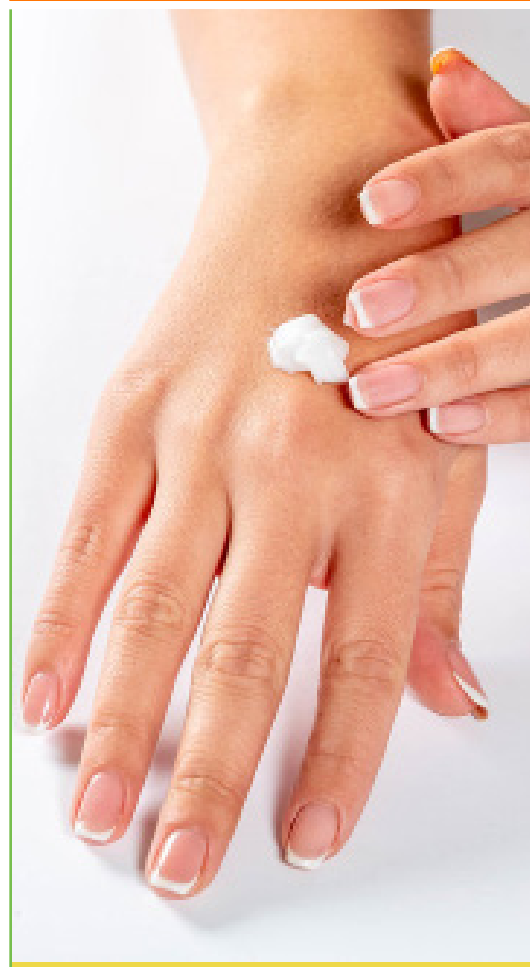
- Skin Cream
- Lotion/Sunblock

### Packing & Storage:

- Store in a cool dry place away from prolonged, direct sunlight exposure
- Do not freeze/thaw
- Package Unit: 5kg

Innovative products at a competitive price™

SPECIALTY INGREDIENTS



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