

# VSTEARIN™ Veg Stearic Acid

Enhance your Formulations with Versatile and Radiant Ingredients



## Vegetable-Derived Stearic Acid

INCI : Stearic Acid

# CAS : 57-11-4

# EC : 200-313-4

Acts as an anionic emulsifier of oil in water

Acts as good emulsion stabilizing agent

Offers effective thickening properties

Conditioning agent

Enables a smooth sensorial experience

**VSTEARIN Veg Stearic Acid is a premium vegetable oil derivative made to suit multiple applications in the personal care industry.**

Vantage continues to innovate and expand to meet the needs of our customers, now offering additional sustainable alternatives with the broadening of our plant-based product line. Maintaining excellence in quality, performance, and delivery for our customers is our top priority.

Our **VSTEARIN Veg Stearic Acid** is manufactured in the U.S. Midwest (Illinois), which is centrally located to better serve our U.S. customers. **VSTEARIN Veg Stearic Acid** plays a crucial role in enhancing the quality and performance of candles, offering manufacturers the ability

## Features:

**Vegetable-Derived:** Sourced from renewable plant-based oils.

**Versatile Applications:** Suitable for a wide range of personal care and cosmetic formulations, including creams, lotions, balms, and more.

**Enhanced Performance:** Enhances cosmetic formulations by contributing to rich textures, smooth application, and moisturizing properties.

## Recommended Applications



Personal Care & Cosmetics

 Vantage®

# Recommended Personal Care & Cosmetic Applications

Recommended Reference	Usage Rate (% by weight)	Product Applications
SV11 SV10	(1% - 18%)	<b>Skincare and Body Care:</b> <b>VSTEARIN Veg Stearic Acid</b> is suitable for inclusion in skincare products, hand creams and lotions, where it serves to thicken and stabilize formulations. Typically used within a suggested range of 1% to 18%, its addition imparts a silky-smooth texture to the product.
SV11	0.5%-1%	<b>Soaps, Bath Bombs &amp; Deodorants:</b> Use in cold process bar soaps is typical, especially among mass consumer manufacturers. The typical rate of stearic acid ranges from 1/8 to 1/4 ounce per pound of oils. <b>VSTEARIN Veg Stearic Acid</b> triple pressed, with a C18:C16 ratio of 1:1 and saponification and acid values of approximately 210, is the preferred grade for use as an emulsifier builder with amine, a thickener, or in soap making.
SV10 SV11	(0.5% - 5%)	<b>Liquid Shampoo:</b> The shampoo formulas typically contain about 10 to 40% by weight of the detergent and approximately 0.5 to 5% by weight of <b>VSTEARIN Veg Stearic Acid</b> , which is maximally dissolved or solubilized in the aqueous medium. Stearic acid functions as a protective conditioner.
SV10 SV11	(2% -10%)	<b>Exfoliants Scrubs:</b> <b>VSTEARIN Veg Stearic Acid</b> , acting as a gentle surfactant, aids in cleansing the skin without disrupting its natural oils. In skincare formulations, this ingredient serves as an emulsifier, promoting seamless blending of oil and water components for a smooth, uniform application.
SV10 SV11	(5% -15%)	<b>Rinse-Off Products:</b> <b>VSTEARIN Veg Stearic Acid</b> with a pH of 5.5 is employed in cleansers, body washes, and shaving creams to facilitate the binding of ingredients such as oil and water, which may not naturally blend. It aids in the removal of dirt, sebum, and grime from the skin's surface.
SV10 SV11	(0.2% - 12%)	<b>Color Cosmetics:</b> Found in foundations, lipsticks, powders, mascaras, and eyeshadows, <b>VSTEARIN Veg Stearic Acid</b> is recognized for its ability to enhance product texture and promote even application. Serving as an effective skin barrier, it helps retain moisture while safeguarding the skin.
SV11	(0.5% - 10%)	<b>Hair Care:</b> Found in dry shampoo, hair dyes, and hair masks, <b>VSTEARIN Veg Stearic Acid</b> functions by effectively eliminating excess oil, perspiration, and dirt from both the skin and hair. It enhances the conditioning properties of the final product and acts as a preservative, prolonging its shelf life.
SV10 SV11	(1% - 8%)	<b>Fragrance:</b> <b>VSTEARIN Veg Stearic Acid</b> functions as a fixative in fragrance production, aiding in prolonging the lasting power of the scent. This ensures the fragrance remains on the skin for extended periods, enhancing its longevity.

**Disclaimer:** These suggested doses and applications in formulations are typical reported values; however, they are merely a suggestion, and according to their needs.

# Domestic Production / Natural Feedstocks



Vantage is one of the largest suppliers of fatty acids in North America. Derived from natural plant feedstocks, our **VSTEARIN™ Veg** range of Stearic Acids is manufactured at our facility in the U.S. Midwest, ensuring swift delivery and reliable availability for our customers.

## VSTEARIN Veg Stearic Acid SV11

<b>Appearance:</b>	White Waxy Solid at room temperature
<b>Odor:</b>	Characteristic, mild fatty odor
<b>Acid Value:</b>	205-212 mg KOH/g
<b>Iodine Value:</b>	1.0 g I/100g Max.
<b>Titre Point:</b>	54-57 °C   129.2 – 134.6 °F
<b>Packaging:</b>	Bulk/Big Bags Flaked form available in 50 Lb (25 Kg). bags and big bags

## VSTEARIN Veg Stearic Acid SV10

<b>Appearance:</b>	White Waxy Solid at room temperature
<b>Odor:</b>	Characteristic, mild fatty odor
<b>Acid Value:</b>	202-210 mg KOH/g
<b>Iodine Value:</b>	1.0 g I/100g Max.
<b>Titre Point:</b>	56-61 °C   132.8 – 141.8 °F
<b>Packaging:</b>	Bulk/Big Bags Flaked form available in 50 Lb (25 Kg). bags and big bags

Contact us to learn more: [vpsinfo@vantagegrp.com](mailto:vpsinfo@vantagegrp.com) | [www.vantagegrp.com](http://www.vantagegrp.com)

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