



VVF Illinois Services, LLC

# Vegarol<sup>®</sup> 18 DO

CAS No. : 112-92-5

EINECS No. : 204-017-6

**INCI Name:** Stearyl Alcohol

**Common Chemical Name:** Stearyl alcohol, 1-octadecanol, octadecan-1-ol

**Product Description:** White pastilles or flakes, practically no odor

**Specifications:**

Appearance at 25 °C		White Solid / Pastilles
Color	APHA	25 Max
Acid Value	mg of KOH / gm	0.1 Max
Saponification Value	mg of KOH / gm	2.0 Max
Iodine Value	g of I <sub>2</sub> / 100 gm	1.5 Max
Hydroxyl Value	mg of KOH / gm	200 - 215
Hydrocarbons	% by GLC	0.5 Max
Moisture	% by wt.	0.1 Max

<b>Carbon Chain Distribution by GLC, %</b>	
C-16	0.7 – 2.5
C-18	95.0 - 98.0
C-20	0.6 – 1.4

**Note:** Results on individual shipments will vary within the specifications. Specifications are subject to change. Please contact us to confirm current information: VVF LLC Customer Service Department 1 (800) 323-5385

**Additional Properties:**

Average Mol. Wt. 267 – 280 g/mol  
 Melting Range, °C 53 - 60  
 Density at 70 °C 0.805 to 0.815 g/cc  
 Flash Point, °C Approx. 174 °C, PMCC  
 Boiling Range, °C 330 – 360

**Regulatory: Vegarol<sup>®</sup> 18 DO**

TSCA: Listed  
 REACH Registered  
 DSL, ENCS, AICS, KECI, PICCS, Listed  
 IECSC, NZIoC, NECI Listed

**Packaging:**

Available in Bulk / Jumbo Bags / 25 Kg net HDPE laminated paper bags

**Shelf Life:**

Shelf life 36 months from the date of manufacture.

**Principal Uses:**

Viscosity regulation in cosmetic and pharmaceutical O/W emulsions and in the manufacture of stick preparations.

**Storage and Handling:**

Vegarol<sup>®</sup> 18 DO should be protected against humidity. In original sealed containers and at temperatures below 30 °C, the product remains stable for at least one year.

**Handling Precautions:** Follow good hygiene and safety procedures. Avoid any direct contact with the product. Wash hands with soap and water after handling the product. Keep away from heat, strong acids and oxidizing agents.

**FIRST AID:** Rinse eye or skin thoroughly with water sufficient to insure complete removal of the chemical. Please consult Material Safety Data Sheet (MSDS) for more detailed information on properties, potential hazards, safe handling and First Aid treatment for this product.

**Shipping Classification:** Fatty alcohol, Non-hazardous material.

**Regulatory Status:** This product is not classified as dangerous according to the EEC directive.

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