



VVF Illinois Services, LLC

Vegarol[®] EW 100 (Nonionic emulsifying wax -BP)

CAS No. : 67762-27-0 and 68439-49-6

EINECS No. : 267-008-6 and Polymer exempt

INCI Name: Cetearyl Alcohol (and) Cetareth-20

Common Chemical Name: Cetostearyl alcohol and Cetareth 20

Product Description: Vegarol[®] EW 100 is a nonionic self-emulsifying wax prepared from Cetostearyl Alcohol and Cetareth 20 conforming to British Pharmacopoeia specs for Cetomacrogol emulsifying wax.

Specifications:

Appearance at 25 Deg. C		White or almost white waxy flakes / pastilles
Acid Value	mg of KOH / gm	0.5 Max
Saponification Value	mg of KOH / gm	2.0 Max
Hydroxyl Value	mg of KOH / gm	175 - 192
Solidification point,	°C	45 - 53
Identification Tests aa per BP specifications		Complies
Solubility in Water as per BP specifications		Complies
Refractive Index @ 20 °C		1.435 – 1.439
Alkalinity Test (sample size 10 grams)		Not more than 0.5 ml of 0.1M HCl is required

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:

Melting Range, °C 42 - 55
 Density at 70 °C ~0.825 g/cc
 Flash Point, °C > 150
 Boiling Range, °C Not Applicable

Regulatory: Vegarol[®] EW 100

TSCA: Listed
 Conforms to BP Specifications

Packaging:

Available in 25 Kg net LDPE lined paper bags or agreed packaging

Shelf Life:

Shelf life 12 months from the date of manufacture.

Principal Uses:

It is a self-bodying emulsifying wax which is an effective emulsifier for most emollient materials employed in cosmetics and pharmaceuticals, producing highly stable emulsions. Its wetting properties facilitate contact and penetration of actives into the skin. In general, 5-20% of it is employed in the preparation of emulsions..

Storage and Handling:

Vegarol[®] EW 100 should be protected against humidity. In original sealed containers and at temperatures below 30 °C, the product remains stable for at least one year. Store in sealed packages at temperatures not exceeding 90°F (32°C) to minimize caking and prevent liquefaction.

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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