

ProductData



Wax - Emulsifying Emulsifying (109)



Koster Keunen, LLC

Waxes of Superior Quality Since 1852

Authorized Distributor:

Description:

Our non-ionic emulsifying wax is derived from plant based fatty alcohols and derivatives of Sorbitan. This wax is self-emulsifying, highly stable in acidic and basic media, and is highly compatible with most cosmetic and pharmaceutical ingredients. Emulsifying Wax is white,

low in odor and has a broad range of applications. Low concentrations of Emulsifying Wax will improve the consistency and stability of emulsions.

Note: Specific product application recommendations are available on request.

TYPICAL PROPERTIES:

Composition:

Emulsifying Wax is a waxy solid prepared from Cetostearyl Alcohol containing a Polyoxyethylene derivative of a fatty acid ester of Sorbitan.

Chemical Properties:

Appearance: Creamy white solid with characteristic odor

Hydroxy Value: 178 - 192

Melting Point: 48 - 52 °C

Acid Value: 2.5 max.

Saponification Value: 14.0 max.

Color: 5.0 max.

Iodine Value: 3.5 max

Peroxide Value: 3.5 ppm max

pH (3% dispersion): 5.5 - 7.0

Special orders can be made to incorporate other ingredients, making the Emulsifying Wax multi-functional for added conditioning, and stabilizing additives, and sunscreen and U.V. absorbing properties in hair care products.

Uses:

Creams, Lotions, Shampoos, Conditioners, Pomades, Sunscreens, Pharmaceutical Ointments, Salves, Skin Protection, Creams and other emulsions.

Toxicology:

Non-toxic.

Regulatory Information:

FDA Approved Under Regulation 21 CFR JUNE 20, 1979.

CTFA/INCI NAME: Emulsifying Wax.

CAS#: 977069-99-0 or 8005-44-5.

Japanese Name/Source: Cetostearyl Alcohol (CAS# 67762-27-0)/JSCI & Polyoxyethylene Sorbitan Monostearate (20 E.O.) (CAS# 9005-67-8)/JSCI.

Information presented herein is believed to be accurate and reliable but is not intended to meet any specification and does not imply any guarantee or warranty by Brenntag Specialties, Inc. (BSI). For more information and assistance, contact Technical Services at 1-800-732-0562.

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