

Emulsifying Wax N.F., 14, and Permulin D



Koster Keunen offers a wide variety of Emulsifying Waxes that are based on chemistry ranging from cetearyl to behenyl alcohol. These emulsifiers are cost effective raw materials that can enhance product stability and provide new textures and consistencies that formulating chemists want.

Special blends can be made to incorporate other ingredients into the Emulsifying Waxes. This will produce a multi-functional wax that offers added conditioning, stabilizing, or sunscreen and U.V. absorbing properties in hair care products.

Applications:

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

Advantages:

Our Emulsifying Waxes are self-emulsifying, low odor, highly stable, and highly compatible. Low concentrations of these waxes will improve the consistency and stability of emulsions.

Regulatory:

N.F. Emulsifying Wax	INCI Name: Cetearyl Alcohol, Polysorbate 60	CAS#: 67762-27-0, 9005-67-8
Emulsifying Wax 14	INCI Name: Cetearyl Alcohol, PEG-20 Stearate	CAS#: 67762-27-0, 9004-99-3
Permulin D	INCI Name: Cetearyl Alcohol, Cetareth 20	CAS#: 67762-27-0, 68439-49-6

Wax#	Wax Name	Melting Point	Acid Value	Saponification Value	pH (3% in Boiling Water)	Color
109	Emulsifying Wax NF	50 - 54°C	<2.5	<14	5.5 - 7.0	–
459	Emulsifying Wax 14	46 - 54°C	≤2.0	7 - 16	5.5 - 7.5	White to Pale Yellow
164	Permulin D	47 - 55°C	≤1	≤2	–	White to Off-White

Specific waxes that are most appropriate for this category have been highlighted here