

Kester Wax K-56

Wax No. 128

Kester Wax K-56 is a long chain ester wax prepared by the esterification of fatty acids with fatty alcohols. The primary advantages are excellent oil gelling and oil binding capabilities, and broad compatibility with lipids. Kester Wax K-56 functions as a thickener and emollient in many applications.

CHEMICAL PROPERTIES

| ANALYTICAL TEST | METHOD | SPECIFICATION | UNITS |
|------------------------|---------------|---------------------------|--------------|
| Melting Point | USP 741 | 54 – 58 | °C |
| Acid Value | USP 401 | < 5 | mg KOH/g |
| Saponification Value | USP 401 | 100 – 115 | mg KOH/g |
| Color | Visual | Off-White to Light Yellow | |

FORMULATION GUIDELINES

Formulators will find Kester Wax K-56 useful in emulsions and anhydrous systems as an emollient, excipient, thickener and gelling agent. It can be used in both wash off and leave on applications with standard usage levels from 1-10%.

REGULATORY

INCI NAME: Cetyl Stearate

CAS#: 1190-63-2

EINECS#: 214-724-1

KOSTER KEUNEN CODE#: 128

TRADE NAME: Kester Wax K-56

MINIMUM SHELF LIFE: 2 Years

MANUFACTURED: Watertown, Connecticut, USA

NOT TESTED ON ANIMALS

KOSHER

ORGANIC

GMO-FREE

CANADA: Listed

CHINA: Listed

AUSTRALIA: Listed

REACH: Compliant

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