

# KESTER K-48

Wax No. 120

Kester K-48 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 K-48 functions as a thickener and emollient in many applications.

## CHEMICAL PROPERTIES

ANALYTICAL TEST	METHOD	SPECIFICATION	UNITS
Melting Point	USP 741	45-53	°C
Acid Value	USP 401	0-2	mg KOH/g
Saponification Value	USP 401	116-125	mg KOH/g
Color	Visual	White	

## FORMULATION GUIDELINES

Formulators will find Kester K-48 useful in emulsions and anhydrous systems as an emollient, 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 Palmitate

**CAS#:** 540-10-3

**EINECS#:** 208-736-6

**KOSTER KEUNEN CODE#:** 120

**TRADE NAME:** Kester Wax K-48

**MINIMUM SHELF LIFE:** 2 Years

**MANUFACTURED:** Watertown, Connecticut, USA

NOT TESTED ON ANIMALS

KOSHER

ORGANIC

GMO FREE

NPA

GRAS

**CANADA:** Listed

**JAPAN:** Listed

**CHINA:** Listed

**AUSTRALIA:** Listed

**REACH:** Registered

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