



INNOVATION IS OUR TRADITION

## STEARIC ACID XXX

Stearic Acid XXX (wax#121) is a pure plant based 18 carbon unit fatty acid. Stearic Acid XXX is an alternative to typical triple pressed stearic acids since improved skin feel, greater stability and enhancing performance is generally seen in many type of formulation.

### TYPICAL PROPERTIES:

LABORATORY TESTS	KOSTER KEUNEN, INC SPECIFICATIONS	TYPICAL RESULTS
MELTING POINT: USP <741> Class II	66 - 69 °C	68.0 °C
ACID VALUE: USP <401>	195 - 200	198
SAPONIFICATION VALUE: USP <401>	195 - 202	199
IODINE VALUE: USP <401>	1.5 Maximum	0.5
RESIDUE ON IGNITION: USP <281>	0.1% Maximum	0.01%
ORGANIC VOLATILE IMPURITIES: USP <467> METHOD V	Meets Requirements	Passes
C-18 FATTY ACID: KKI	Minimum 92 %	95%
LOVIBOND, YELLOW/RED	Y=5 Max./ R=1.5 Max.	0.4/0.2
COLOR: Visual	White	Passes

### APPLICATIONS:

Stearic Acid XXX (wax#121) functions as a emulsifier, thickener, binding agent, solublizer and a gellant for many oils.

### USES:

Lipsticks, Make-ups, Eye Liners, Lipbalms, Mascaras, Stick Pencils, Sun Care, Creams, Lotions, Hair Care & Antiperspirants.

### CONCENTRATIONS USED:

1 – 10 %

Koster Keunen, Inc.  
 Phone: 1 860-945-3333 Fax: 1 860-945-0330  
[www.kosterkeunen.com](http://www.kosterkeunen.com)  
 E-Mail: [info@kosterkeunen.com](mailto:info@kosterkeunen.com)