



# Hydrokote<sup>®</sup> 112

CAS Number: 84540-04-5, 68334-28-1  
INCI name: Hydrogenated Palm Kernel Oil

EINECS Number: 273-627-2, 283-093-2  
JSCI Number: 002130

## Product Description:

**HYDROKOTE<sup>®</sup> 112 (HB-112)** is a standard lauric hard butter and lecithin derived from edible vegetable oils. It is used as a cocoa butter replacement with excellent mold release characteristics. Typical uses include applications in lipsticks and glosses, pomades, solid fragrances, antiperspirant sticks, suppositories and emollient creams and lotions. **HYDROKOTE 112 (HB-112)** has excellent stability, low irritation, bland taste and odor and GRAS status according to FDA 21 CFR § 182.1

## Specifications:

Specification	Limit	Test Method
Odor	Bland, fatty	Sensory
Appearance/ Form	Off-white/ waxy solid	Visual
Free Fatty Acids (as oleic)	0.1% max.	<sup>1</sup> AOCS Ca 5a-40
Color, Lovibond	1.5 red max.	AOCS Cc 13b-45
Mettler Drop Point	109-114 °F, (43-46°C)	AOCS Cc 18-80

<sup>1</sup>AOCS: American Oil Chemists' Society.

## Typical Properties:

Saponification Value	225-250	AOCS Cd 3b-76
Iodine Value	5.0 max	AOCS Cd 1-25



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## Functions:

- Emollient
- Low irritation
- Excellent mold release characteristics

## Personal Care Applications:

- Lipsticks
- Eye products
- Fragrance sticks
- Emollient creams and lotions

## Pharmaceutical applications:

- Suppository bases

## Storage:

Packaged: 70-75°F

## Standard Package:

50 lb. Carton

## Shelf-Life:

Retest and requalify 1 year from the date of manufacture.

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