



Industrial Chemicals Product Data Sheet

Distilled Coconut Oil Fatty Acid

Generic Name: Coconut Fatty Acid

Chemical Name: Fatty acids, C₈₋₁₈ & C₁₈ unsaturated

CAS No. 67701-05-7

Description: A light yellow colored, semi-solid material with a characteristic fatty odor.

Product Specifications:

<u>Property</u>	<u>Specification</u>
Acid Value	263 – 273
Iodine Value	8.0 – 12.0
Color 5¼ Lovibond	
Red – Max.	2.5
Yellow – Max.	15.0
Color - Gardner	3 Max

Typical Fatty Acid Composition:

<u>Fatty Acid</u>	<u>Average, %</u>
C-6	< 0.5
C-8	4.0 - 10.0
C-10	5.0 - 10.0
C-12	46.0 Min.
C-14	17.0 - 20.0
C-16	7.0 - 11.0
C-18	2.0 - 5.0
C-18-1	3.0 - 7.0
C-18-2	1.0 - 3.0
C-18-3	< 0.5

Note: Results on individual shipments will vary within the specifications. Specifications are subject to change. Please contact us to confirm current information.

Distilled Coconut Oil Fatty Acid

Product Properties: Distilled Coconut Oil Fatty Acid:

- * exhibits an acid value in the 263 - 273 range.
- * salts have good solubility for use in liquid applications.
- * is useful for applications where higher quality fatty acid is specified.

Product Applications: Distilled Coconut Oil Fatty Acid:

- * can be neutralized with various cations to form soluble soaps.
- * useful to formulate liquid pharmaceutical and personal care products.
- * is used in the production of chemical intermediates/derivatives.

Handling Precautions: It is recommended that fatty acids be handled in accordance with responsible industrial, maintenance and safety practices. Appropriate eye, skin and inhalation protection should be worn when handling this product. Exposure to fatty acid can be slightly irritating to the eyes and skin. **FIRST AID:** Rinse eye or skin thoroughly with water sufficient to insure complete removal. of the chemical. Generally fatty acids are considered to be practically non-toxic.

Please consult Material Safety Data Sheet (MSDS) for more detailed information on properties, potential hazards, safe handling and First Aid treatment for this product.

Shipping Classification: Fatty acid (Coco Base), Non-hazardous material.

Regulatory Status: This material is listed on the U.S. TSCA Inventory and the Canadian Domestic Substance List.

Production Location: Montgomery, IL

<u>IDH</u>	<u>Container</u>	<u>Quantity</u>
780681	Tankcar	150000 lbs. Min.
724305	Tankwagon	45000 lbs. Min.

For order assistance please call our Customer Service Department at (800) 323-5385

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