



Industrial Chemicals Product Data Sheet

Split Coconut Oil Fatty Acid

Generic Name: Coconut Fatty Acid

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

CAS No. 67701-05-7

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

Product Specifications:

<u>Property</u>	<u>Specification</u>
Acid Value	257 - 275
Iodine Value	8.0 - 12.0
Color, Gardner	15 Max.

Typical Fatty Acid Composition:

<u>Fatty Acid</u>	<u>Average, %</u>
C-6	< 1.0
C-8	4.0 - 10.0
C-10	5.0 - 10.0
C-12	40.0 Min.
C-14	16.0 - 19.0
C-16	8.0 - 12.0
C-18	5.0 - 8.0
C-18-1	9.0 - 12.0
C-18-2	< 3.0
C-18-3	< 1.0

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

Split Coconut Oil Fatty Acid

Product Properties: Split Coconut Oil Fatty Acid:

- * is the initial product derived from feeding high quality coconut oil to a fat splitter.
- * exhibits an acid value in the 263 - 273 range.
- * salts have good solubility for use in liquid applications.
- * is useful for applications where highest quality fatty acid is not necessary.

Product Applications: Split 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>
724308	Tankcar	150,000 lbs. Min.
724310	Tankwagon	45,000 lbs. Min.

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

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