



Industrial Chemicals Product Data Sheet

Distilled Tallow Fatty Acid

Generic Name: Tallow Fatty Acid

Chemical Name: Fatty acids, C₁₄₋₁₈ & C₁₆₋₁₈ unsaturated **CAS No.** 67701-06-8

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

Product Specifications:

<u>Property</u>	<u>Specification</u>
Acid Value	204 - 208
Iodine Value	53.5 Max.
Unsaponifiable, %	0.1 Max.
Color, 5¼ Lovibond	
Red - Max.	2.0
Yellow - Max.	10.0

Typical Fatty Acid Composition:

<u>Fatty Acid</u>	<u>Average, %</u>
C-8	<0.5
C-10	<0.5
C-12	<1.5
C-14	2.5 - 3.5
C-16	22.0 - 27.0
C-18	18.0 - 23.0
C-18-1	37.0 - 43.0
C-18-2	3.0 - 5.0
C-18-3	0.5 - 1.0

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

Distilled Tallow Fatty Acid

Product Properties: Distilled Tallow Fatty Acid:

- * exhibits an acid value in the 204-208 range.
- * has a high concentration of C16 and C18 chain lengths.
- * has consistent high quality being derived from selected tallow sources.

Product Applications: Distilled Tallow Fatty Acid:

- * can be neutralized to form tallow soaps.
- * is used in a variety of applications from grease manufacturing to metal-working products.
- * is also used in rubber/emulsion polymerization and as a raw material in chemical intermediate/derivative production.

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 as 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 (Tallow 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>
780688	Tankcar	150,000 lbs. Min.
724302	Tankwagon	45,000 lbs. Min.

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

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