



## Industrial Chemicals Product Data Sheet

### Split Tallow Fatty Acid

**Generic Name:** Tallow Fatty Acid

**Chemical Name:** Fatty acids, C<sub>14-18</sub> & C<sub>16-18</sub> unsaturated      **CAS No.** 67701-06-8

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

#### Product Specifications:

<u>Property</u>	<u>Specification</u>
Acid Value	196 – 207
Iodine Value	40.0 – 55.0

#### 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.

## Split Tallow Fatty Acid

### Product Properties: Split Tallow Fatty Acid:

- \* is the initial product derived from feeding high quality tallow to a fat splitter.
- \* exhibits an acid value in the 196-207 range.
- \* is useful for applications where highest quality fatty acid is unnecessary.
- \* has a high concentration of C16 and C18 chain lengths.

### Product Applications: Split 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 Act.

**Production Location:** Montgomery, IL

<u>IDH</u>	<u>Container</u>	<u>Quantity</u>
724306	Tankcar	150,000 lbs. Min.
724307	Tankwagon	45,000 lbs. Min.

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

**The information presented herein is based on the best data available and is believed to be correct. However, nothing stated herein is to be construed as a warranty, expressed or implied, regarding the accuracy of the information or the use of our product; not shall anything contained herein be construed to constitute permission or recommendation to practice any invention covered by patent or patent application without a license from the owner of the patent, patent application or know how.**