



VVF Illinois Services, LLC

## Fatty Acid Specifications Product Data Sheet

### Behenic Acid 90

Icosanoic Acid CAS No. 506-30-9  
Docosanoic Acid CAS No. 112-85-6  
Tetracosanoic Acid CAS No. 557-59-5

**Generic Name:** Behenic Acid

**Chemical Name:** Blend of fatty acid with carbon chain length of C20 to C24, mainly behenic acid (C22)

**Description:** White Flakes

#### Analysis Parameters:

<u>Tests</u>	<u>Specification</u>
Appearance at 30 Deg.C	White Flakes
Neutralization Value	161 - 169
Sap Value	162 - 170
Iodine Value	3.0 Max
Titre °C	74.0 Min
Unsap. matter, % by wt.	2.5 Max
Fatty Acid Composition, % by GC	
Upto C20:0	7.0 Max
Behenic C 22:0	90.0 Min
Lignoceric C24:0	3.0 Max
Others	2.0 Max
Color, APHA in 5 ¼" cell	Y=10.0 Max R=1/2 Max

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

## Behenic Acid 90

### Additional Properties:

Average Mo. Wt.	Approximately 340.0
Specific Gravity	0.82 at 100°C
Vapour Pressure	At 30°C, 1mm Hg

**Product Applications:** Behenic Acid 90

**Handling Precautions:** Follow good hygiene and safety procedures. Avoid any direct contact with the product. Wash hands with soap and water after handling the product.

Keep away from heat, strong acids and oxidizing agents.

**FIRST AID:** Rinse eye or skin thoroughly with water sufficient to insure complete removal of the chemical.

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

**Regulatory Status:** This product is not classified as dangerous according to the EEC directive.

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.**