



VVF Illinois Services, LLC

Fatty Acid Specifications Product Data Sheet

Erucic Acid – 90%

Fatty Acid

CAS No. 112-86-7

Generic Name: Erucic Acid - 90, Erucic - 45 1.2

Description: Pale Yellow with characteristic fatty odour

Analysis Parameters:

| <u>Tests</u> | <u>Specification</u> |
|------------------------------------------------|----------------------|
| Appearance at 35° Deg.C | Pale Yellow |
| Acid Value, mg. KOH / gms | 163 - 170 |
| Saponification value, mg of KOH / gms | 164 - 171 |
| Iodine Value, gms of I ² / 100 gms. | 72 - 80 |
| Titre °C | 25 - 35 |
| Unsap. matter, % | 2.0 Max |
| Fatty Acid Composition, % by GC | |
| Upto C20:0 | 3.0 Max |
| C 22 | 4.0 Max |
| C24 | 1.5 Max |
| C20:1 | 2.0 Max |
| C22:1 | 90 Min |
| C24:1 | 3.0 Max |
| Others | 4.0 Max |
| Color, in Lovibond 5 ¼" cell (Max) | |

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

Erucic Acid – 90%

Additional Properties:

| | |
|------------------|--------------------------|
| Molecular Weight | 338.56 |
| Specific Gravity | 0.847 GMS / CC @ 70 Deg. |
| CGas Density | N.A. |

Product Applications: Erucic 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.