

Kemamide® E Ultra

Erucamide

Description

Kemamide® E Ultra is an unsaturated fatty primary monoamide, derived from vegetable source erucic acid. It demonstrates exceptional color stability on exposure to light and air and is resistant to dilute acids and bases.

Applications

- Lubricants
- Mold Release agents
- Polyamide resins
- Polyethylene and polypropylene films
- Printing inks
- Slip agents

General Characteristics

Properties	Typical Values
Amide %	98
Gardner Color	1
Closed Tube Melt Point °C	82
Water %	0.05

The characteristics listed above are typical and do not constitute specifications

Available Form(s)

- Bead
- Pellet
- Powder

Standard Packaging

- Bag – 50lbs (22.68kgs)
- Fiber Drum – 100lbs (45.36kgs)
- Bulk Sack – 1300lbs (590kgs); 2000lbs (907kgs)

Code Dating

- Plant specific batch numbering system

PMC Biogenix, Inc.
1231 Pope Street
Memphis, TN 38108

Customer Service
800.641.2152
Fax 800.641.2153

Shelf life

- The shelf life will be affected by storage conditions such as temperature, humidity, light and handling. PMC Biogenix has no control over storage at an external site and hence does not guarantee shelf life after the product ships out of its facility.

Quality System

- This product is manufactured in accordance with ISO 9001:2008 quality requirements

FDA Status

- **Kemamide® E** is sanctioned by the U.S. Food and Drug Administration (FDA) under Title 21 of the Code of Federal Regulations (21 CFR). These use clearances are indicated in the following sections:
 - **175.105; 175.320; 176.180; 177.1210; 177.1350; 177.1400; 178.3860; 179.45**

This FDA status information is intended to provide an overview only and is not intended to be an alternative to reading the FDA regulations. The above CFR sections should always be consulted for the complete context before any conclusion is made as to the allowed regulated use.

Reach Status

- Kemamide® E Ultra has been pre-registered or registered using an Only Representative.

EU Status

- **Kemamide® E** may be used in food contact applications in the EU according to the provisions laid down in EU-Directive 10/2011 Annex 1 FMC substance No. 271, Ref. Number 52720 relating to plastic materials and articles intended to come into contact with foodstuff. No specific migration limit applies so that the generic specific migration limit is 60mg/kg food.
- **Kemamide® E** may be used in food contact applications in the EU according to the provisions laid down in EU Regulation 2023/2006, good manufacturing practice for materials and articles intended to come into contact with food.
- **Kemamide® E** meets the requirement of Directive 2002/95/EC on the Restriction of the Use of certain Hazardous Substances in Electrical and Electronic Equipment (RoHS) and on waste electrical and electronic equipment (WEEE).

Phthalates

- This product does not contain phthalates.

Bisphenol A (BPA)

- This product does not contain Bisphenol A (BPA)



PMC Biogenix, Inc.
1231 Pope Street
Memphis, TN 38108

Customer Service
800.641.2152
Fax 800.641.2153

www.pmc-group.com

The information contained herein is correct to the best of our knowledge. Your attention is directed to the pertinent Material Safety Data Sheets for the products mentioned herein. All sales are subject to PMC Biogenix, Inc.'s standard terms and conditions of sale, copies of which are available upon request and which are part of PMC Biogenix, Inc.'s invoices and/or order acknowledgements. Except as expressly provided in PMC Biogenix, Inc.'s standard terms and conditions of sale, no warranty, expressed or implied, including warranties of merchantability or fitness for a particular purpose, is made with respect to the products described herein. Nothing contained herein shall constitute permission or recommendation to practice any invention covered by a patent without a license from the owner of the patent.

Version Date: 11.28.14

Safety and Handling

- Follow good manufacturing and handling practices.
- Avoid gross contact with the skin and eyes.
- Do not store near strong oxidizing agents.
- Do not store in direct sunlight or expose to extreme heat or cold.
- Store in dry well-ventilated area

This safety and handling information is intended to provide an overview only and is not intended to be an alternative to reading the Material Safety Data Sheet for the product listed. *Please consult the Material Safety Data Sheet for additional information on safety, handling and storage before using this product.*



PMC Biogenix, Inc.
1231 Pope Street
Memphis, TN 38108

Customer Service
800.641.2152
Fax 800.641.2153

www.pmc-group.com

The information contained herein is correct to the best of our knowledge. Your attention is directed to the pertinent Material Safety Data Sheets for the products mentioned herein. All sales are subject to PMC Biogenix, Inc.'s standard terms and conditions of sale, copies of which are available upon request and which are part of PMC Biogenix, Inc.'s invoices and/or order acknowledgements. Except as expressly provided in PMC Biogenix, Inc.'s standard terms and conditions of sale, no warranty, expressed or implied, including warranties of merchantability or fitness for a particular purpose, is made with respect to the products described herein. Nothing contained herein shall constitute permission or recommendation to practice any invention covered by a patent without a license from the owner of the patent.

Version Date: 11.28.14