



PMC Biogenix Inc.
1231 Pope Street
Memphis, TN 38108
Phone: 800—641-2152
Fax: 901-251-5670

Kemamide® E Ultra

Product Description

Kemamide® E Ultra fatty amide is an unsaturated fatty 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. This product is available in bead or powder form.

Applications

Kemamide® E Ultra fatty amide is an effective slip agent in polyethylene and polypropylene films, lubricant in polyvinyl chloride, mold release agent, dyestuff dispersant for printing inks and surface coatings, and a blending agent for polyamide resins.

Specifications

Test	Specification
GC 22:1 Erucic Content	≥ 90.0 %
Gardner Color (1963)	≤ 2.0
Water	≤ 0.25 %
Closed Tube Melt Point	80.0 - 85.0 °C
Amide	≥ 98.0 %
Iodine Value	71.0 – 76.0
Acid Number	≤ 1.0
Heat Stability 205°C Color Gardner(1963)	≤ 3.0

Solubility

Kemamide® E Ultra fatty amide is relatively insoluble in water. In oxygenated organic solvents at ambient temperatures, it is soluble to levels of up to 10% by weight.

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. No warranty is expressed or implied, including warranties of merchantability or fitness for a particular purpose is made with respect to the products described herein. Nothing contained shall constitute permission or recommendation to practice invention covered by a patent without a license from the owner of the patent.



FDA Status

Kemamide[®] E Ultra fatty amide is sanctioned by the U.S. Food and Drug Administration (FDA) under Title 21 of the *Code of Federal Regulations* (21 CFR) as indicated in the following sections:

In adhesives	175.105
In can end cements (resinous and polymeric coatings)	175.300
As a component of paper and paperboard brought in contact with dry foods	176.180
In closures with sealing gaskets for food containers	177.1210
For use in water-insoluble hydroxyethyl cellulose film	177.1400
For use as a release agent in petroleum wax and polymeric resins that contact food	178.3860
In packaging materials for use in the radiation preservation of prepackaged food	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.

Safety and Handling

The Kemamide[®] fatty amide compounds are not primary skin irritants by the Draize Test (Federal Hazardous Substances Act). Avoid contact with skin and eyes.

In case of accidental eye contact, flush with large amounts of water and call a physician. If swallowed, call a physician.

The Kemamide[®] fatty amide compounds are not regulated by the Department of Transportation (DOT). They are not corrosive and not flammable by DOT definitions. However, if these products are supplied in powder form, in-process dusting should be minimized, otherwise an explosive hazard could develop. Avoid all sources of ignition when handling this product.

Refer to the Material Safety Data Sheet (MSDS), for further safety and Handling information. The MSDS should be reviewed before handling any product

© 2008 PMC Biogenix Inc.

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. No warranty is expressed or implied, including warranties of merchantability or fitness for a particular purpose is made with respect to the products described herein. Nothing contained shall constitute permission or recommendation to practice invention covered by a patent without a license from the owner of the patent.