

Kemamide® EZ

CAS Registry Number: 112-84-5

Description

Kemamide® EZ fatty amide is an unsaturated fatty primary monoamide, derived from vegetable source erucic acid. This product is available in bead, pellet or powder form.

Applications

Kemamide® EZ fatty amide the additive choice of applications requiring good slip and antiblock properties. It can be used as a slip agent in polyethylene and polypropylene films, lubricant in polyvinyl chloride, mode release agent, dyestuff dispersant of printing inks and surface coatings, and a blending agent for polyamide resins.

Product Specifications

Properties	Specifications
Gardner Color	0.0 – 2.0
Water	0.00 – 0.25
Closed Tube Melt Point °C	76.0 – 86.0
Amide	98.0 – 100.0

Solubility

Kemamide® EZ 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.

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

Customer Service
800.641.2152 or 901.325.4930
Fax 800.641.2153

www.pmc-group.com

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FDA Status

Kemamide® EZ fatty amide 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:

Application	21CFR Section
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.

EU Status

Kemamide® EZ may be used in food contact applications in the EU according to the provisions laid down in EU-Directive/2002/72/EC Annex 1 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.



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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.

The Kemamide® fatty amide compounds are not regulated by the Department of Transportation (DOT). They are noncorrosive 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.

Wear normal safety equipment such as chemical safety goggles and rubber gloves when handling Kemamide® fatty amide compounds. In case of accidental eye contact, immediately flush with large amounts of water for at least 15 minutes and call a physician. If swallowed, call a physician. Wash hands after handling.

Although Kemamide® fatty amide products are not classified as flammable, they will burn if ignited. Once ignited—as with any fatty-based material—the fire can be extinguished with foam, dry chemicals, carbon dioxide or fog. Do not use a stream of water; fatty materials will float, causing the fire to spread.

If spillage or leakage should occur, allow liquids to solidify and then remove with a shove. Liquids that will not solidify can be absorbed with a suitable absorbent. Dispose of waste in accordance with federal, state, and local regulations.

Although chemically stable, Kemamide® fatty amide compounds should be kept away from strong oxidizing agents. They should not remain at temperatures greater than 75 - 85°C (167 - 185°F) for extended periods of time.

Please consult the Material Safety Data sheet for additional information on safety, handling and storage before using this product.



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