

Fatty Amides

PRODUCT INFORMATION

Kemamide[®] B

Product Description

Kemamide[®] B offered by PMC is a saturated fatty monoamide derived from a mixture of arachidic and behenic acid. It demonstrates exceptional stability to light and air and is resistant to dilute acids and bases. This product is available in bead and powder form.

Applications

Most uses of **Kemamide[®] B** fatty amide are based on its antiblock properties. It can be used as an intermediate to mar-resistance agents, softeners and water repellents for textiles; as a blending agent for waxes and resins; as a floor and shoe polish additive; and in other applications requiring lubricity.

Product Specifications

Properties	Specification
Acid Number	0.0 - 4.0
Amide %	95.0 – 100.0
Gardner Color (1963)	0.0 - 4.0
Iodine Value	0.0 - 4.0
Closed Tube Melt Point	98.0 – 106.0
Water %	0.00 - 0.25

Kemamide[®] B

Additional Information

Solubility

Kemamide[®] B fatty amide is relatively insoluble at ambient temperatures in water and all common organic solvents. Some dissolution takes place in oxygenated organic solvents at high temperature and under high-shear conditions, but upon cooling, crystallization occurs.

FDA Status

Kemamide[®] B fatty amide is approved for use by the Food and Drug Administration (FDA) in several regulated applications. These use clearances are listed in the following sections of *Title 21 of the Code of Federal Regulations*:

For use in cellophane	177.1200
For use in water-soluble hydroxyethyl cellulose film	177.1400
For use as a release agent in petroleum wax and polymeric resins that contact food	178.3860

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

A Material Safety Data Sheet (MSDS) is available for any product made by Chemtura Corporation. The MSDS should be reviewed before handling any chemical.

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.

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

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