

Kemester® 84

CAS Registry Number: 67701-33-1

Description

Kemester® 84 is a food grade mono-and diglyceride emulsifier derived from tallow. Kemester® 84 conforms to the Food Chemical Codex specifications for mono-and diglycerides. Available in flake, pastille and bead forms. An all vegetable version is available upon request.

Product Specifications

Properties	Specifications
Free Fatty Acid	0.00 – 1.00
Alpha Monoglyceride	40.0 – 100.0
Free Glycerine	0.00 – 1.00
Iodine Value	0.0 – 5.0
Water	0.00 – 1.00
Odor @ 130 deg F	Pass

General Characteristics

Properties	Typical Values
HBL (Hydrophilic/Lipophilic Balance)	2.8
Physical Appearance @ 72°F	Ivory white flake or bead

FDA Status

Kemester 84® is approved for food use under 21 CFR 182.4506 (GRAS). Product should be labeled as mono-and diglycerides.

PMC Biogenix
1231 Pope St.
Memphis, TN 38108
USA
Customer Service
800 641 2152
or +1 901 325 4930
Fax 800 641 2153

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's standard terms and conditions of sale, copies of which are available upon request and which are part of PMC Biogenix's invoices and/or order acknowledgements. Except as expressly provided in PMC Biogenix'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.

Kemester® 84

Safety and Handling

Kemester® oleo ester compounds are not primary skin irritants; however, be sure to wash hands after handling, as prolonged contact may cause drying of the skin. In case of accidental eye contact, flush with large amounts of water for at least 15 minutes and see a physician. If the material is swallowed, call a physician immediately.

Kemester® oleo ester, though they are not classified as flammable, will burn if ignited. Once ignited—as with any fat-based material—the fire should be extinguished with foam, dry chemicals, carbon dioxide, or fog. Do not use a stream of water; fatty chemicals will float, causing fire to spread.

If spillage or leakage should occur, allow the liquid to solidify then remove with a shovel. Liquids that will not solidify can be absorbed with a suitable absorbent. Waste disposal should be handled in accordance with federal, state, and local regulations.

Kemester® oleo ester may be stored in iron tanks as long as acid values remain low. These compounds are chemically stable, but will hydrolyze in the presence of water. Prolonged storage at temperatures greater than 130°F (54°C) is not recommended.

The Safety and handling information listed above is intended to provide an overview only and is not intended to be an alternative to reading the MSDS 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
1231 Pope St.
Memphis, TN 38108
USA
Customer Service
800 641 2152
or +1 901 325 4930
Fax 800 641 2153

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's standard terms and conditions of sale, copies of which are available upon request and which are part of PMC Biogenix's invoices and/or order acknowledgements. Except as expressly provided in PMC Biogenix'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.