

## HARMONIE™ EM 807 Emulsion

### Product Description

Harmonie EM 807 is a macroemulsion containing optimized levels of coconut and olive oil. Due to the enhanced penetration profile; conditioning benefits can be seen over several washes. Smoothing and damage repair is also improved in rinse-off hair products. Softness of hair is improved significantly when compared to neat oils, proving that when coconut and olive oil is emulsified, penetration into the hair is greatly enhanced. Hair is strengthened by up to 82% when compared to untreated fibers. In skin cream, hydration levels are boosted by up to 10% more than neat oil. Harmonie EM 807 was also found to absorb more quickly, spread more easily and be less greasy when compared to neat oils. Emulsifying coconut and olive oil allows for a much more stable product. As coconut oil solidifies at room temperature; blending it with olive oil ensures the oil stays mobile. The emulsion itself is 92% natural (including water). Harmonie EM 807 is easily incorporated into the water phase of any formulation at any level, however usage levels of between 2 and 10% are recommended.

### INCI Name

Cocos Nucifera (Coconut) Oil (and) Olea Europaea (Olive) Fruit Oil (and) Laureth-4 (and) C12-14 sec-Pareth-9

### Key Features and Typical Benefits

- Natural Origin Index: 0.89
- Enhanced penetration into hair
- 2.5x more effective at improving softness than neat oil
- Strengthens hair by up to 82%
- Absorbs easier, spreads better and is less greasy than neat oil in skin cream
- Hydrates skin by up to 10% more than neat oil

### Typical Physical Properties

Appearance	Milky, White Liquid
Natural Oil Content (%)	52
External Viscosity (cS at 25°C)	<10,000
Particle Size (µm)	1 - 2
Emulsifier Type	Non-Ionic
Natural Origin Index (ISO16128)	0.89

Typical property data values should not be used as specifications. Assistance and specifications are available by contacting Momentive Performance Materials Commercial Office.

### Potential Applications

Potential Applications include:

- Shampoo and Conditioners for all Hair Types
- Intensive Treatment
- Skin Products
- Suncare

### General Considerations for Use

The recommended usage level for Harmonie EM 807 is 2 - 6% as supplied, although this is heavily dependent upon application. It is recommended to formulate above pH 5.5 in surfactant systems.

### **Patent Status**

Nothing contained herein shall be construed to imply the nonexistence of any relevant patents or to constitute the permission, inducement or recommendation to practice any invention covered by any patent, without authority from the owner of the patent.

### **Handling and Safety**

Customers should review the latest Material Safety Data Sheet (MSDS) and label for product safety information, safe handling instructions, personal protective equipment if necessary, and any special storage conditions required for safety. MSDS are available at [www.momentive.com](http://www.momentive.com) or, upon request, from any Momentive Performance Materials (MPM) representative. For product storage and handling procedures to maintain the product quality within our stated specifications, please review Certificates of Analysis, which are available in the Order Center. Use of other materials in conjunction with MPM products (for example, primers) may require additional precautions. Please review and follow the safety information provided by the manufacturer of such other materials.

### **Packaging**

25kg and 200kg per drum.

### **Storage**

The product should be stored below 32°C and not be allowed to freeze. Shelf life of the un-opened container is 12 months from the date of manufacture. If you wish to use this product after this time, please contact us for details.

### **Limitations**

Customers must evaluate Momentive Performance Materials products and make their own determination as to fitness of use in their particular applications.

## Customer Service Centers

For additional information, please contact our Customer Service Team

<b>AMERICAS</b>	+1 800 295 2392 Toll Free* +704 805 6946 Direct Number
<b>LATIN AMERICA</b>	<b>BRAZIL</b> +55 11 4534 9650 Direct Number <b>MEXICO</b> +52 55 2169 7670 Direct Number *All American countries
<b>EMEI - EUROPE, MIDDLE EAST, AFRICA &amp; INDIA</b>	<b>EUROPE</b> +390510924300 Direct Number <b>INDIA, MIDDLE EAST &amp; AFRICA</b> +91 44 71212207 Direct Number* *All Middle Eastern countries, Africa, India, Pakistan, Bangladesh, Sri Lanka
<b>ASIA PACIFIC</b>	<b>CHINA</b> 800 820 0202 Toll Free +86 21 3860 4892 Direct Number <b>JAPAN</b> +81 3 5544 311 Direct Number <b>KOREA</b> +82 2 6201 4600 Direct Number <b>SOUTH EAST ASIA, AUSTRALIA &amp; NEW ZEALAND</b> +60 3 9206 1543 Direct Number* *All East Asia countries (Malaysia, Singapore, Thailand, Indonesia, Vietnam, Philippines, Cambodia, Myanmar / other countries located in Pacific region)
<b>Visit us at <a href="http://www.momentive.com">www.momentive.com</a></b>	

**DISCLAIMER** - THE MATERIALS, PRODUCTS AND SERVICES OF MOMENTIVE PERFORMANCE MATERIALS INC. AND ITS SUBSIDIARIES AND AFFILIATES (COLLECTIVELY "SUPPLIER"), ARE SOLD SUBJECT TO SUPPLIER'S STANDARD CONDITIONS OF SALE, WHICH ARE INCLUDED IN THE APPLICABLE DISTRIBUTOR OR OTHER SALES AGREEMENT, PRINTED ON THE BACK OF ORDER ACKNOWLEDGMENTS AND INVOICES, AND AVAILABLE UPON REQUEST. ALTHOUGH ANY INFORMATION, RECOMMENDATIONS, OR ADVICE CONTAINED HEREIN IS GIVEN IN GOOD FAITH, SUPPLIER MAKES NO WARRANTY OR GUARANTEE, EXPRESS OR IMPLIED, (i) THAT THE RESULTS DESCRIBED HEREIN WILL BE OBTAINED UNDER END-USE CONDITIONS, OR (ii) AS TO THE EFFECTIVENESS OR SAFETY OF ANY DESIGN INCORPORATING ITS PRODUCTS, MATERIALS, SERVICES, RECOMMENDATIONS OR ADVICE. EXCEPT AS PROVIDED IN SUPPLIER'S STANDARD CONDITIONS OF SALE, SUPPLIER AND ITS REPRESENTATIVES SHALL IN NO EVENT BE RESPONSIBLE FOR ANY LOSS RESULTING FROM ANY USE OF ITS MATERIALS, PRODUCTS OR SERVICES DESCRIBE HEREIN.

Each user bears full responsibility for making its own determination as to the suitability of Supplier's materials, services, recommendations, or advice for its own particular use. Each user must identify and perform all tests and analyses necessary to assure that its finished parts incorporating Supplier's products, materials, or services will be safe and suitable for use under end-use conditions. Nothing in this or any other document, nor any oral recommendation or advice, shall be deemed to alter, vary, supersede, or waive any provision of Supplier's standard Conditions of Sale or this Disclaimer, unless any such modification is specifically agreed to in a writing signed by Supplier. No statement contained herein concerning a possible or suggested use of any material, product, service or design is intended, or should be construed, to grant any license under any patent or other intellectual property right of Supplier covering such use or design, or as a recommendation for the use of such material, product, service or design in the infringement of any patent or other intellectual property right.

The use of the "™" symbol designates registered or unregistered trademarks of Momentive Performance Materials Inc. or its affiliated companies.

Momentive and the Momentive logo are registered trademarks of Momentive Performance Materials Inc.

Copyright 2022 Momentive Performance Materials Inc. All rights reserved.



260 Hudson River Road  
Waterford, NY 12188 USA  
[momentive.com](http://momentive.com)