

Enabling differentiated
Nutraceutical Solutions

OUR KNOW-HOW

EXPERTISE IN MICROENCAPSULATION

IMPROVED STABILITY &
DISPERSIBILITY IN FINAL FORMULAS

MINIMIZED
UNPLEASANT
TASTE

24.305 Mg MAGNESIUM	12	55.8457 Fe IRON	26	40.078 Ca CALCIUM	20	65.409 Zn ZINC	30
----------------------------------	----	------------------------------	----	--------------------------------	----	-----------------------------	----









CONTROLLED
INTERACTIONS
WITH OTHER
COMPONENTS








ASTAXANTHIN 	CURCUMIN 	PHYTOSTEROLS 	CAFFEINE
-----------------	--------------	------------------	--------------

CONTROLLED
RELEASE

ENHANCED
BIOAVAILABILITY

LIPOFOODS™ PRODUCT PORTFOLIO

PRODUCT	DESCRIPTION	HIGHLIGHTS	APPLICATIONS	HEALTH TARGETS	
MICROENCAPSULATED MINERALS	MAGSHAPE™ microcapsules	Concentrated source of magnesium for an active lifestyle.	<ul style="list-style-type: none"> Alleviates fatigue Provides vitality and stress relief Improves muscular function Enhanced flowability and compressibility 	Capsules, tablets, chewable pills, orosoluble powders among other dietary supplements.	 
	LIPOFER™ microcapsules	Bioavailable and stable source of iron.	<ul style="list-style-type: none"> Reduces metallic taste Controls interactions with other components Water dispersible No digestive tract irritation 	Milk powder, dairy products and dietary supplements including capsules, pills, chewable and effervescent tablets, orosoluble powders, drops, syrups, etc.	  
	LIPOCAL™ microcapsules	Water dispersible and bioavailable source of calcium.	<ul style="list-style-type: none"> Improves dispersibility High calcium concentration More bioavailable than other calcium sources Non-animal source of calcium 	Milk powder, dairy products, soy milk and a wide range of dietary supplements including capsules, pills, chewable tablets, effervescent tablets, drops, syrups, etc.	
	ZINCNOVA™ microcapsules	Stable and tasteless source of zinc.	<ul style="list-style-type: none"> Controls interactions with other components No grainy texture Reduces metallic taste Effective release in the stomach 	Dietary supplements, dairy products, cereals, nutritional bars, confectionery and cold lozenges.	 

MICROENCAPSULATED BOTANICALS	ASTAGILE™ microcapsules	Naturally stable astaxanthin for healthy aging.	<ul style="list-style-type: none"> 100% natural nootropic ingredient Powerful antioxidant effect Improves astaxanthin benefits by other microalgae Proven neuroprotective efficacy 	Nutritional powders, tablets, capsules and other dietary supplements.	 
	CURCUSHINE™ microcapsules	Bioavailable and soluble curcumin with anti-aging benefits.	<ul style="list-style-type: none"> Superior curcumin absorption High solubility in water Protection vs oxidative stress Collagen care 	Dietary supplements, functional beverages and nutricosmetic applications.	 
	LIPOPHYTOL™ microcapsules	Water dispersible plant sterols for cholesterol reduction.	<ul style="list-style-type: none"> Efficient cholesterol reduction High phytosterols concentration Readily dispersible Palm free ingredient 	Dairy products, yoghurts, soya drinks, rye bread, cheese type products, dietary supplements, etc.	
	NEWCAFF™ microcapsules	Sustained caffeine release with a clean taste.	<ul style="list-style-type: none"> Clean non-bitter taste Controlled release High caffeine concentration Cleaner formulas 	Energy powder blends, bars, gels, chewables tablets, milkshakes and different kinds of dietary supplements.	 

 SKIN & HAIR

 COGNITIVE & MENTAL HEALTH

 ENERGY & ENDURANCE

 CARDIOVASCULAR HEALTH

 IMMUNE SYSTEM HEALTH

 BONE HEALTH

For more information, visit www.lipofoods.com

 LUBRIZOL LIFE SCIENCE 9911 Brecksville Road, Cleveland, OH 44141-3201 USA

The information contained herein is believed to be reliable, but no representations, guarantees or warranties of any kind are made as to its accuracy, suitability for particular applications or the results to be obtained. The information often is based on laboratory work with small-scale equipment and does not necessarily indicate end-product performance or reproducibility. Formulations presented may not have been tested for stability and should be used only as a suggested starting point. Because of the variations in methods, conditions and equipment used commercially in processing these materials, no warranties or guarantees are made as to the suitability of the products for the applications disclosed. Full-scale testing and end-product performance are the responsibility of the user. Lubrizol Advanced Materials, Inc., shall not be liable for and the customer assumes all risk and liability for any use or handling of any material beyond Lubrizol Advanced Materials, Inc.'s direct control. THE SELLER MAKES NO WARRANTIES, EXPRESS OR IMPLIED, INCLUDING, BUT NOT LIMITED TO, THE IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE. Nothing contained herein is to be considered as permission, recommendation nor as an inducement to practice any patented invention without permission of the patent owner. Lubrizol Advanced Materials, Inc., is a wholly owned subsidiary of The Lubrizol Corporation.

©2020 The Lubrizol Corporation, all rights reserved. All marks are the property of The Lubrizol Corporation. The Lubrizol Corporation is a Berkshire Hathaway company.