

Natural  
Vegetable  
Functional

The Lipid Expert!

## Lipex<sup>®</sup> 203

- Liquid mango oil
- Exotic emollient for all types of care products
- Emollient for hair care products, especially the ethnic type

### Product name

Lipex<sup>®</sup> 203

### INCI name

INCI: Magnifera Indica (EU)  
Mangifera Indica (Mango)  
Seed Oil (U.S.)

### Physical form/Consistency at 20C

Triglycerides, semi-liquid

### Regulatory Status

CTFA, JSCI

### Recommended use levels

0.5 - 50 %

### Packaging

Drum 185 kg  
Can 9 kg

### Product Data Sheet/Article number

8516

### Formulations

JT-03-08, Body Comfort Mango Milk  
KR-06-11, Soft Body Lotion

August 2008

### Functionality and benefits

Lipex<sup>®</sup> 203 is composed of refined, bleached and deodorised vegetable fat from the kernel of the Mangifera indica fruit. In contrast to mango kernel butter, which is commonly applied in cosmetic products, Lipex<sup>®</sup> 203 may be used without content limitations as it is a non-crystallizing material. Thanks to this same aspect, mango oil is easy to handle in large scale production.

Being a high-oleic oil, Lipex<sup>®</sup> 203 is relatively resistant to oxidation, thus prolonging the cosmetic product's shelf life.

In line with our strict AarhusKarlshamn quality control, the protein content of mango oil is controlled to avoid any potential threat of irritations and allergies linked to that aspect. Lipex<sup>®</sup> 203 is a non-sensitising and non-irritating ingredient.

### Applications

The general application area of mango olein is cutaneous dryness, assistance in moisturising. Lipex<sup>®</sup> 203 can be one of the basic vegetable emollients in skin care applications of all types, especially after sun exposure, frequent showering etc.

The creation of so-called "body butters" and rich face and body creams with Lipex<sup>®</sup> 203 is superfluous and final products are smoothly structured with some "golden touch" of mango.

AarhusKarlshamn's mango oil may be used in hair care applications, especially hair masks and conditioners. Independent research had shown that even 0.5% of Lipex<sup>®</sup> 203 in a hair rinse-off conditioner improves its capabilities of hair smoothing, softening and healthy shine.

It is feasible to use Lipex<sup>®</sup> 203 as part of the liquid phase in anhydrous formulations, including sticks and soft balms.