



Add Goodness

SUNOIL DDI(MB)
EMOLLIENT



ADEKA – WHO WE ARE

ADEKA Corporation is a Japanese chemical company with more than a century of experience in the cosmetics and detergents market, having nowadays more than 12 offices, 4 R&D and 15 production sites worldwide.

ADEKA is a global company with polymer additives business organizations in Japan, Korea, Taiwan, Thailand, Singapore, China, India, USA and Europe. With global R&D centers, responsive sales and logistics organizations and a worldwide distribution network, ADEKA offers a broad portfolio of products to customers worldwide.

ADEKA has been present in the surfactants market in Europe for more than 20 years now. In 1999, ADEKA centralized their European sales activities in a new head office, ADEKA Europe GmbH, in Düsseldorf, Germany.

ADEKA has a dedicated Research & Development group equipped with latest technology and modern facilities for testing and evaluation of additives performances, which help to provide innovative solutions to the market.



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Our Distributors

As a global chemical manufacturing company, ADEKA has established an effective global distribution network, utilizing qualified distributors and serving all targeted markets around the world. The company is fully dedicated to serving our small customers, and the distribution strategy is structured by geographic region.



SUNOIL DDI(MB)

INCI: POLYGLYCERYL-10 DECAISOSTEARATE

PGFE-based emollient enhances the absorption of oil components through the skin while leaving the skin feel soft and smooth. Excellent water capture and moisture retention efficacy.



BENEFITS

- Enhances the skin absorption of various base oils
- Makes skin feel softer and smoother
- Excellent water-holding capacity
- Good substitution for lanolin oil

APPLICATIONS

- Lip stick
- Lip balm
- Hand cream
- Milky lotion

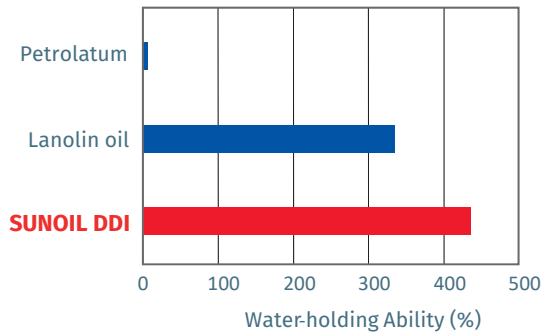
PROPERTIES

REFRACTIVE INDEX	SPECIFIC GRAVITY @ 30°C	VISCOSITY @ 30°C (MPA·S)
1.470	0.945	1000

Representative Value



WATER-HOLDING ABILITY

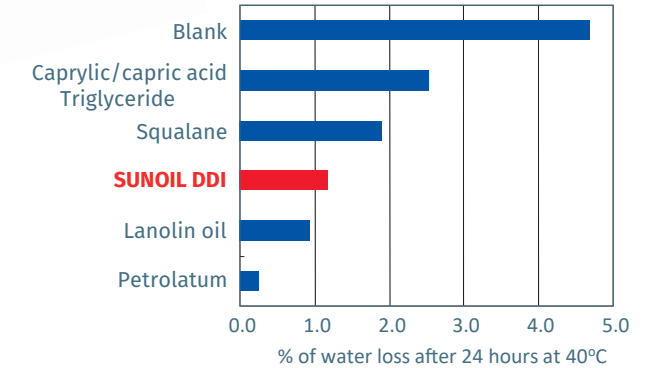


$$\text{Water-holding Ability (\%)} = \frac{\text{Maximum holding water (g)}}{\text{Amount of oil (g)}} \times 100$$

Add 0.2 to 0.5ml water into 10g sample with vigorous stirring until the water droplets are completely incorporated

SUNOIL DDI(MB) showed higher water-holding ability than petrolatum and liquid lanolin.

MOISTURE RETENTION



Measure 50g of water into 140ml glass bottle, cover the top with a filter paper and sealed with plastic tape. Apply 0.2 g oil to the upper surface of filter paper and measure the weight after storing for 24 hours at 40°C.

