

# WE CARE FOR BEAUTY

NATURAL PRODUCTS FOR PERSONAL CARE



**IOI OLEOCHEMICAL** 

IOI Oleo GmbH PERSONAL CARE





### Specialties from IOI Oleo: We Care for Beauty

Dear customers, dear readers,

With this catalog, we are proud to present the diversity of our materials for the cosmetics industry, including new entries that complement our product portfolio. Following one of the guiding principles of our strategy and true to our motto We Care for Beauty, we have gathered specialties, multifunctional ingredients and functional materials that underline our commitment to natural-based personal care products.

In addition to our launches in recent years, we continually review our product portfolio with a view to optimization, with respect to both sustainability and accordance to our guidelines for natural-based raw materials. This year, we introduce two new items in line with market trends and our customers' needs. With WITARIX® MCT C8 and WITARIX® MCT C8 pure coconut (INCI: Tricaprylin), we meet the ongoing demand for natural-based and palm-free raw materials. Both products can be used as emollients to influence and adapt the sensory profile of your cosmetic formulations.

Moreover, as one of the first members of the Roundtable on Sustainable Palm Oil and in line with our sustainability strategy, we have switched our complete production at both German manufacturing sites in Witten and Wittenberge to 100% RSPO MB grade materials. With this step, we also meet the requirements of ECOCERT/COSMOS to maintain our approvals for materials used in certified natural cosmetics.

Last but not least, with the opening of our new CARE Studio application lab in Hamburg, we are able to show both our consumer understanding and our customer approach by developing state-of-the-art formulations designed to generate new ideas, offering consumer-perceivable benefits.

We are delighted to support you with our formulations and prototypes in order to shorten the time-to-market for your own new cosmetic products.

Are there any new projects on the way, with which the IOI Personal Care team or our CARE Studio can be of help? Just let us know by dropping us an e-mail, either to the sales person in charge or to personalcare@ioioleo.de

Your IOI Personal Care Team



| Product name                                  | INCI                         | Description   |
|---|------------------------------|---|
| WITARIX® MCT 60/40                            | Caprylic/Capric Triglyceride | This classic emollient is also known as neutral oil because of its pure characteristics based on carefully selected raw materials. The product exhibits excellent skin smoothing properties and can be used to promote skin penetration. Caprylic/Capric Triglycerides are odorless and stable against oxidation. Because of their exceptional stability and versatility, MCT oils are among the most widely used   |
| WITARIX® MCT 60/40 coconut based              | Caprylic/Capric Triglyceride | emollients in personal care applications. The totally neutral taste and food-grade status make MCT oil also very popular for lip products of all kinds. All qualities available as RSPO MB grade as well. Additional sources are available: WTTARIX® MCT coconut based (palm-free quality) and WTTARIX® MCT pure Organic (100% certified organic).  |
| WITARIX® MCT 70/30                            | Caprylic/Capric Triglyceride | Type of Medium-Chain Triglyceride (MCT) with a higher amount of C8 fatty acid compared to WITARIX® MCT 60/40.   |
| WITARIX® MCT C8                               | Tricaprylin                  | WITARIX® MCT C8 coconut based is the redefined version of our bestseller WITARIX® MCT 60/40. It is a 100% vegan, natural and colorless liquid of low viscosity. Due to its high polarity, it is a perfect fit for any kind of sun care and color cosmetic formulations. Tricaprylin is able to disperse and dissolve commonly used UV filters and pigments while still leading to a good spreadability  |
| WITARIX® MCT C8 pure coconut  COSMOS APPROVED | Tricaprylin                  | and pleasant skin feel. Also known as a sensory transformer, its medium spreading properties and the appealing oily and rich feel (just like MCT) turn into a very light, non-oily skin feel with striking silkiness and smoothness after absorption. Available in RSPO MB quality and as a palm-free version.  |
| MIGLYOL® T-C7                                 | Triheptanoin                 | MIGLYOL® T-C7 is a 100% natural product, based on heptanoic acid derived from castor oil and palm-free. In contrast to other triglycerides, MIGLYOL® T-C7 leaves a light, gently lubricating and velvety skin sensation. Due to its shorter chain length, this triglyceride has an increased polarity and shows excellent dispersing and dissolving properties for pigments and UV filters. The low viscosity makes it particularly suitable for use in wet wipe lotions. |



| Product name                   | INCI  | Description  |
|--------------------------------|---|--|
| SOFTIGEN®PURA  COSMOS APPROVED | EU: Olus Oil<br>US: Vegetable Oil                 | SOFTIGEN®PURA is a blend of natural triglycerides of 100% vegetable origin. SOFTIGEN®PURA based products are easily spreadable and give a smooth and velvety skin feel. This makes this natural ingredient the ideal base for rich creams, balms and butters. It is a multifunctional cream base with similar properties (stability against oxidation, occlusivity & reduction of trans-epidermal water loss, TEWL) as conventional petrolatum. SOFTIGEN®PURA is colorless, odorless and has a very long shelf life. |
| SOFTISAN® 378                  | Caprylic/Capric/Myristic/<br>Stearic Triglyceride | SOFTISAN® 378 is a specialty blend of triglycerides based on saturated even-<br>numbered, unbranched natural fatty acids of vegetable origin. With its low melt-<br>ing point, it leaves a non-tacky and non-greasy film on the skin. This very stable<br>colorless and odorless product is a perfect base for pasty product concepts, lip<br>products or body butters. It imparts structure to the finished products and yet has<br>a surprisingly light skin feel.   |
| MIGLYOL® OE                    | Oleyl Erucate                                     | Liquid wax ester with similar properties as natural jojoba oil. For the task of providing care and shine for skin, hair or color cosmetics, it is a cost-effective alternative to jojoba oil. Along with its rich skin feel and long playtime it reduces tackiness of vegetable oils and other triglycerides.  |
| MIGLYOL® DO                    | Decyl Oleate                                      | This medium-spreading, non-polar emollient helps reduce the tackiness of care formulations. MIGLYOL® DO imparts a light, well-caring skin feel and is an interesting alternative to MCT oils.  |
| MIGLYOL® Coco 810              | Coco-Caprylate/Caprate                            | This fast-spreading non-polar and non-oily emollient and refatting agent can be considered a true vegetable alternative for light petrochemical based emollients like mineral oils or silicones (e.g. D5). Due to its extremely light skin feel and fast spreading, MIGLYOL® Coco 810 provides an elegant skin feel. It is non-oxidizable and odorless. With this balanced emollient profile, it is an excellent choice for all kinds of skin care, hair care, massage products and many more.                       |
| MIGLYOL* 8810                  | Butylene Glycol Dicaprylate/<br>Dicaprate         | Due to its polarity and dry, non-oily skin feel, this ester oil is an excellent solvent for UV sunscreens and a perfect alternative to low molecular weight silicones. A low viscosity and easy spreading properties facilitate the even distribution of sun care products on the skin. This makes MIGLYOL® 8810 one of the most popular emollients for sun care and BB creams throughout the world.   |
| MIGLYOL® PPG 810               | Propylene Glycol Dicaprylate/<br>Dicaprate        | A polar oil component with a fast spreading capability. It acts as an emollient and leaves a light, non-oily, smooth and velvety skin sensation similar to low molecular weight silicone oils. Furthermore, it shows excellent dispersing and dissolving properties for pigments and sunscreens.   |
| MIGLYOL® 829                   | Caprylic/Capric/Succinic<br>Triglyceride          | Caprylic/capric triglyceride units crosslinked with succinic acid to form a larger molecule with unique properties. Higher viscosity and medium to slow spreading combined with an excellent lubrication effect give a rich but elegant skin sensation and long playtime. The specific density close to that of water provides extra stability in emulsions and allows to formulate two-phase products with aqueous base.  |
| MIGLYOL* 829 ECO               | Caprylic/Capric/Succinic<br>Triglyceride          | Caprylic/capric triglyceride units crosslinked with succinic acid to form a 100% natural molecule with unique properties. Higher viscosity and medium to slow spreading combined with an excellent lubrication effect give a rich but elegant skin sensation and long playtime. The specific density close to that of water provides extra stability in emulsions and allows to formulate two-phase products with aqueous base.  |

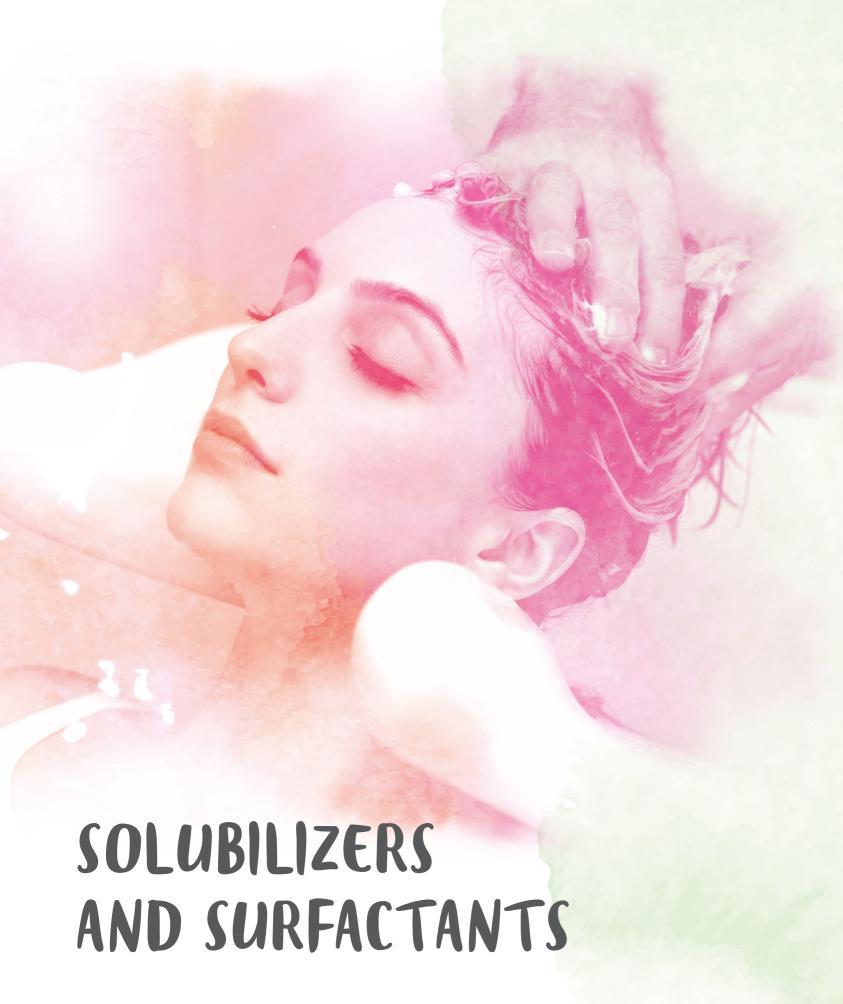


O/W EMULSIFIERS

| Product name                       | INCI   | Typical<br>Dosage % | HLB   | Description  |
|------------------------------------|--|---------------------|-------|--|
| Emulsifiers                        |  |                     |       |  |
| IMWITOR® liteMULS  COSMOS APPROVED | Glyceryl Citrate/Lactate/<br>Linoleate/Oleate, Polygly-<br>ceryl-4 Cocoate, Polygly-<br>ceryl-3 Caprate, Glyceryl<br>Caprylate | 0.5–2               | 10–12 | 100% natural, easy-to-use O/W emulsifier blend. Especially suitable for low viscous emulsions like wet wipe liquids. IMWITOR® liteMULS is also ideal for self-emulsifying bath oils. It is hot and cold processable and can emulsify up to 40% oil phase.  |
| IMWITOR® 372 P  COSMOS APPROVED    | Glyceryl Stearate Citrate  | 1–3                 | 10–12 | 100% natural, anionic O/W emulsifier, leaving a smooth and silky skin feel. IMWITOR® 372 P provides stable emulsions over a wide range of viscosities. This hot processable emulsifier can be combined with a large number of co-emulsifiers and is very stable in the presence of multifunctional ingredients used as preservative boosters (e.g. SOFTISAN® GC 8). Widely used in natural cosmetics concepts, sun care formulations and skin care products.   |
| IMWITOR® 375  COSMOS APPROVED      | Glyceryl Citrate/Lactate/<br>Linoleate/Oleate  | 0.5–3               | 10–12 | A 100% natural, sunflower-based and liquid anionic O/W emulsifier. The molecular structure is similar to lecithin. It is cold processable and especially interesting for light emulsions with a soft, velvety touch as well as for gel creams. IMWTTOR® 375 builds liposomes in water. The skin feel is long-lasting and rich but non-sticky. Also suitable for "Asia-like" light, watery formulations.  |
| IMWITOR® 960 K  COSMOS APPROVED    | Glyceryl Stearate SE   | 2–7                 | 9–12  | IMWITOR® 960 K is a classic anionic emulsifier for rich creams and butters. Works best at neutral pH. This self-emulsifying glyceryl stearate quality has a monoester content of approx. 30%.  |
| Co-emulsifiers                     |  |                     |       |  |
| IMWITOR® 948                       | Glyceryl Oleate  | 1–3                 | 3     | IMWITOR* 948 is a versatile non-ionic co-emulsifier with a monoester content of 32–52% that can be used in W/O and O/W emulsions. Glyceryl Oleate improves penetration of emollients into the stratum corneum and enhances skin elasticity. Used in body washes, Glyceryl Oleate reduces skin roughness caused by surfactants. Glyceryl oleate is also part of human hair lipids. Once adsorbed by the hair, it reduces roughness, thus decreasing combing force of wet hair and enhancing hair gloss. |
| IMWITOR® 928                       | Glyceryl Cocoate   | 1–3                 | 3–4   | IMWITOR® 928 is a co-emulsifier for O/W systems, which shows only slight impact on viscosity increase. Therefore, it is suitable to stabilize low viscous emulsions e.g. for sprayable applications.   |
| IMWITOR® 491                       | Glyceryl Stearate  | 1–3                 | 4     | Glyceryl Stearate is a non-ionic O/W co-emulsifier with a monoester content of minimum 90%. IMWITOR* 491 enhances the consistency of O/W emulsions.  |
| IMWITOR® 900 K                     | Glyceryl Stearate  | 1–3                 | 4     | IMWITOR® 900 K is a non-ionic O/W co-emulsifier with a monoester content of 40–55%. It acts as a co-emulsifier and consistency enhancer in O/W emulsions.  |



| Product name                   | INCI                           | Typical<br>Dosage % | HLB | Description  |
|--------------------------------|--------------------------------|---------------------|-----|--|
| Emulsifiers                    |                                |                     |     |  |
| IMWITOR® 600                   | Polyglyceryl-3 Polyricinoleate | 2–4                 | 4   | IMWITOR® 600 is a powerful W/O emulsifier that is used to form W/O emulsions with excellent stability even with high water content. It is especially suitable for soft to low viscous W/O emulsions with non-greasy, pleasant skin feel. This food-grade emulsifier can also be used as wetting agent for pigments, e.g. in color cosmetics. |
| IMWITOR® PG3 DIS               | Polyglyceryl-3 Diisostearate   | 1–4                 | 5   | IMWITOR® PG3 DIS is a non-ionic emulsifier for W/O emulsions. In combination with IMWITOR® 600, it forms stable and light-feeling emulsions. IMWITOR® PG3 DIS also shows excellent dispersing properties for pigments and anorganic sunscreens.  |
| IMWITOR® GMIS  COSMOS APPROVED | Glyceryl Isostearate           | 1–3                 | -   | Monoester of glycerin and isostearic acid with excellent co-emulsifying properties for O/W emulsions. The material can be used as skin-conditioning agent. The 100% natural IMWITOR® GMIS is an excellent film former, too.  |



| Product name                     | INCI                                | Typical<br>Dosage % | HLB   | Description   |
|----------------------------------|-------------------------------------|---------------------|-------|---|
| IMWITOR® PG3 C10 COSMOS APPROVED | Polyglyceryl-3 Caprate              | 1.0–3.0             | 13    | IMWITOR® PG3 C10 is an excellent refatting agent and provides a soft skin feel. It helps to increase the viscosity of shampoos or shower gels and to enhance foam properties of rinse-off products. Its mild antimicrobial and deodorizing effect can be used in various formulations.  |
| IMWITOR® PG4 Cocoate             | Polyglyceryl-4 Cocoate              | 1–5                 | 10–11 | In combination with other surfactants, it can be beneficially incorporated to improve skin feel, mildness, foam characteristics, and to ease the formulation of hydrophobic ingredients like fragrances or oil components. 100% of natural origin, based on vegetable raw materials.  |
| SOFTIGEN® 767                    | PEG-6 Caprylic/Capric<br>Glycerides | 0.5–5               | 14    | With a calculated HLB value of approx. 14, SOFTIGEN® 767 is a good solubilizer for fragrances, essential oils and volatile crystalline substances. Because of its high lipophilic content, it displays a pleasant emolliency on the skin and is recommended as a refatting agent in cosmetic preparations. Its mildness makes it particularly popular for Micellar Waters and other transparent, water-based product concepts. SOFTIGEN® 767 is a very popular mild cleansing agent in wet wipes as well. |

- SOFTIGEN® 767 is one of the most popular surfactants for Micellar Water concepts due to its mildness and refatting effect
- IMWITOR® PG3 C10 has a mild antibacterial effect, thus preventing malodor on the skin
- Wet wipe applications benefit from SOFTIGEN® 767 due to the dual effect of gentle cleansing and noticeable emolliency



## MULTIFUNCTIONALS

| Product name                  | INCI                       | Typical<br>Dosage % | Description  |
|-------------------------------|----------------------------|---------------------|--|
| Antimicrobial, preservative b | pooster                    |                     |  |
| SOFTISAN® GC8                 | Glyceryl Caprylate         | 0.3–0.7             | SOFTISAN® GC8 is a highly purified multifunctional ingredient with 88% minimum content of monocaprylate. It can be used in emulsions, surfactant-based or hydroalcoholic formulations. Its versatile properties including antimicrobial activity, refatting and wetting performance make it a multifunctional ingredient for a variety of personal care and cosmetic applications. Glyceryl Caprylate is the most widely used natural preservative booster in the world.                               |
| SOFTISAN® GC8 PalmFree        | Glyceryl Caprylate         | 0.3-0.7             | SOFTISAN® GC8 PalmFree is a highly purified multifunctional ingredient with 88% minimum content of monocaprylate. It is 100% palmfree and can be used in emulsions, surfactant-based or hydroalcoholic formulations. Its versatile properties including antimicrobial activity, refatting and wetting performance make it a multifunctional ingredient for a variety of personal care and cosmetic applications. Glyceryl Caprylate is the most widely used natural preservative booster in the world. |
| SOFTISAN® PG2 C10             | Polyglyceryl-2 Caprate     | 0.5–2.0             | SOFTISAN® PG2 C10 acts as a skin-friendly refatting agent and the polar head consisting of two glycerol units helps to moisturize skin or hair. SOFTISAN® PG2 C10 has antimicrobial activity against corynebacteria and, therefore, exhibits a distinctive deodorizing effect and helps to promote the efficacy of deodorants. Moreover, SOFTISAN® PG2 C10 is used as a main factor creating the special texture and flow characteristics in soft creams.  |
| Dispersing Agents             |                            |                     |  |
| IMWITOR® 742                  | Caprylic/Capric Glycerides | 1–10                | IMWITOR® 742 is a non-ionic O/W co-emulsifier, which can be used in cosmetic formulations as a dispersant for active ingredients and pigments. Due to its lipophilicity, it can be easily incorporated into oil phases.  |

- SOFTISAN® PG2 C10 is used as a co-emulsifier in O/W emulsions to modify the texture and create a "soft" effect
- SOFTISAN® GC8 and SOFTISAN® GC8 PalmFree increase the efficacy of all known preservative systems



MULTIFUNCTIONALS (CONTINUED)

| Product name                             | INCI                                | Typical<br>Dosage % | Description   |
|--|-------------------------------------|---------------------|---|
| Conditioning Agents                      |                                     |                     |   |
| SOFTISAN® conditionHAIR  COSMOS APPROVED | PCA Glyceryl Oleate                 | 0.5–2               | SOFTISAN® conditionHAIR is a 100% natural skin and hair conditioning agent. At physiological pH (5.5), this amino acid derivative provides a positive charge, hence shows high substantivity on skin and hair. At other pH levels, it shows good affinity to hair due to hydrophobic interaction. SOFTISAN® condition-HAIR is palm-free and suitable for all hair types including baby hair.  |
| Film-Forming Agents                      |                                     |                     |   |
| SOFTISAN® 645                            | Bis-Diglyceryl<br>Polyacyladipate-1 | 1–10                | SOFTISAN® 645 is a non-animal derived, vegetable-based liquid lanolin oil substitute with high water-binding capacity and good adhesion to the skin. The product is non-occlusive and in comparison to lanolin oil virtually odorless. The excellent skin compatibility is proven and allergic skin reactions are not reported.   |
| SOFTISAN® 649                            | Bis-Diglyceryl<br>Polyacyladipate-2 | 1–10                | SOFTISAN® 649 is a non-animal derived, vegetable-based semi-solid lanolin substitute with high water-binding capacity and good adhesion to the skin. The product is non-occlusive and in comparison to lanolin virtually odorless. The excellent skin compatibility is proven and allergic skin reactions are not reported. SOFTISAN® 649 is the world's leading lanolin substitute with countless applications in baby care, lip products, protective creams, sun care and others. Particularly color cosmetics strongly benefit from its effective film-forming properties. |
| SOFTIGEN® 701                            | Glyceryl Ricinoleate                | 1–10                | SOFTIGEN® 701 can be used in almost any skin care preparations such as creams, lotions, bath oils, shaving formulations, refatting soap and shower formulations. SOFTIGEN® 701 is well tolerated by the skin and mucosa.  |
| SOFTIGEN® 701 ECO                        | Glyceryl Ricinoleate,<br>Tocopherol | 1–10                | SOFTIGEN® 701 ECO can be used in almost any skin care preparations such as creams, lotions, bath oils, shaving formulations, refatting soap and shower formulations. SOFTIGEN® 701 ECO is well tolerated by the skin and mucosa.  |
|  |                                     |                     |   |

- SOFTISAN® 649 is extensively used in color cosmetics to increase adhesion of pigments to the skin for long-lasting performance
- SOFTISAN® conditionHAIR ranks among the most effective certified natural hair conditioning agents available on the market



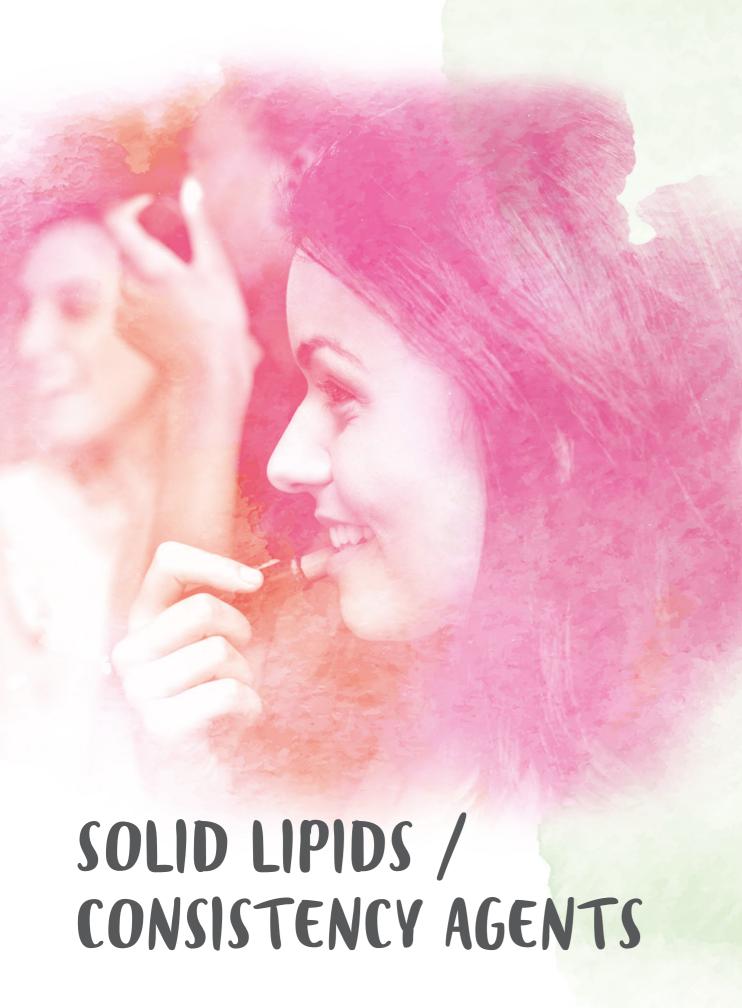
| Product name       | INCI   | Description  |
|--------------------|--|--|
| MIGLYOL® Gel B     | Caprylic/Capric Triglyceride,<br>Stearalkonium Hectorite,<br>Propylene Carbonate   | Heat-stable oleogel based on Caprylic/Capric Triglyceride. Because of their high thermal stability, MIGLYOL® Gels are recommended for use as consistency regulators in cosmetic preparations where it is important to maintain viscosity over a wide temperature range. They promote the thermostability of color cosmetics and prevent bleeding and blurring in stick formulations.           |
| MIGLYOL® Gel 840 B | Propylene Glycol Dicaprylate/<br>Dicaprate, Stearalkonium<br>Hectorite, Propylene Carbonate  | Heat-stable oleogel based on Propylene Glycol Dicaprylate/Dicaprate. Because of their high thermal stability, MIGLYOL® Gels are recommended for use as consistency regulators in cosmetic preparations where it is important to maintain viscosity over a wide temperature range. They promote the thermostability of color cosmetics and prevent bleeding and blurring in stick formulations. |
| MIGLYOL® Gel T     | Caprylic/Capric Triglyceride,<br>Stearalkonium Bentonite,<br>Propylene Carbonate   | Heat-stable oleogel based on Caprylic/Capric Triglyceride. Because of their high thermal stability, MIGLYOL® Gels are recommended for use as consistency regulators in cosmetic preparations where it is important to maintain viscosity over a wide temperature range. They promote the thermostability of color cosmetics and prevent bleeding and blurring in stick formulations.           |
| SOFTISAN® Gel      | Propylene Glycol Dicaprylate/<br>Dicaprate, Bis-Diglyceryl Poly-<br>acyladipate-1, Stearalkonium<br>Hectorite, Propylene Carbonate | SOFTISAN® Gel has a high water-binding capacity (> 25%) and is an excellent co-emulsifier. It is a popular stabilizer for W/O emulsion concepts that require resistance to temperature stress and a consistency regulator for waterless formulations.  |

#### Our oleogel range provides a number of benefits in different applications.

- · Emolliency and silky, soft skin feel
- Richer but non-heavy texture

#### Did you know about the thixotropic behavior of our oleogels?

- Offers thickening and suspending, but ease of spreading at the same time
- Dispersion aid for sunscreen active ingredients
- Enhancement of formulation stability, particularly at elevated temperatures
- Prevents leaking of oil from waterless formulations (e.g. lipsticks, balms)



| Product name                  | INCI                         | Description  |  |
|-------------------------------|------------------------------|--|--|
| SOFTISAN® 100                 | Hydrogenated Coco-Glycerides | The three SOFTISAN® solid lipid types are very pure, colorless raw materials with a neutral odor and taste. They are characterized by their exceptional hardness at room temperature and their sharp melting range. The small interval between melting and solidification points allows for rapid and economic processing. |  |
| SOFTISAN® 142                 | Hydrogenated Coco-Glycerides | Melting range:  33.5–35.5 °C (SOFTISAN® 100)  42.0–44.0 °C (SOFTISAN® 142)  53.0–58.0 °C (SOFTISAN® 154)  They act as viscosity and drop point regulators and improve the solidification   |  |
| SOFTISAN® 154                 | Hydrogenated Palm Oil        | process of stick formulations.  The three SOFTISAN® types are also used as 100% vegetable-based alternatives to mineral oil-based Ozokerite.   |  |
| DYNASAN® 114                  | Trimyristin                  | DYNASAN® microcrystalline triglycerides are used in the cosmetics industry as adjuvants in stick formulations and as crystallization accelerators and seeding agents to improve the solidification process. Furthermore, they can be used in creams and lotions as body-imparting and structure-forming components.        |  |
| DYNASAN® 118  COSMOS APPROVED | Tristearin                   | creams and rodons as body-imparing and structure-forming components.   |  |

- Our solid lipids SOFTISAN® 100, 142 and 154 are used in many color cosmetics applications
- Coming from our manufacturing plant operating under Pharma GMP standard, the quality of our products is unrivalled
- SOFTISAN® 100 has become very popular in recent years as the main film-forming agent in shower creams and in-shower body lotion concepts

### REGISTER OF INCI NAMES

| INCI Name   | Product   | Page   |
|---|---|--|
| Bis-Diglyceryl Polyacyladipate-1  | SOFTISAN® 645   | 17   |
| Bis-Diglyceryl Polyacyladipate-2  | SOFTISAN® 649   | 17   |
| Butylene Glycol Dicaprylate/Dicaprate   | MIGLYOL® 8810   | 7  |
| Caprylic/Capric Glycerides  | IMWITOR* 742  | 15   |
| Caprylic/Capric Triglyceride  | WITARIX® MCT 60/40<br>WITARIX® MCT 60/40 coconut based<br>WITARIX® MCT 70/30  | 5  |
| Caprylic/Capric Triglyceride, Stearalkonium Bentonite,<br>Propylene Carbonate | MIGLYOL® Gel T  | 19   |
| Caprylic/Capric Triglyceride, Stearalkonium Hectorite,<br>Propylene Carbonate | MIGLYOL® Gel B  | 19   |
| Caprylic/Capric/Myristic/Stearic Triglyceride                                 | SOFTISAN® 378   | 7  |
| Caprylic/Capric/Succinic Triglyceride   | MIGLYOL® 829<br>MIGLYOL® 829 ECO  | 7  |
| Coco-Caprylate/Caprate  | MIGLYOL® Coco 810   | 7  |
| Decyl Oleate  | MIGLYOL® DO   | 7  |
|   | Bis-Diglyceryl Polyacyladipate-1 Bis-Diglyceryl Polyacyladipate-2 Butylene Glycol Dicaprylate/Dicaprate  Caprylic/Capric Glycerides  Caprylic/Capric Triglyceride  Caprylic/Capric Triglyceride, Stearalkonium Bentonite, Propylene Carbonate  Caprylic/Capric Triglyceride, Stearalkonium Hectorite, Propylene Carbonate  Caprylic/Capric/Myristic/Stearic Triglyceride  Caprylic/Capric/Succinic Triglyceride  Coco-Caprylate/Caprate | Bis-Diglyceryl Polyacyladipate-1  Bis-Diglyceryl Polyacyladipate-2  Butylene Glycol Dicaprylate/Dicaprate  MIGLYOL* 8810  Caprylic/Capric Glycerides  IMWTTOR* 742  Caprylic/Capric Triglyceride  WITARIX* MCT 60/40 WITARIX* MCT 60/40 coconut based WITARIX* MCT 70/30  Caprylic/Capric Triglyceride, Stearalkonium Bentonite, Propylene Carbonate  Caprylic/Capric Triglyceride, Stearalkonium Hectorite, Propylene Carbonate  Caprylic/Capric Triglyceride, Stearalkonium Hectorite, Propylene Carbonate  Caprylic/Capric/Myristic/Stearic Triglyceride  SOFTISAN* 378  Caprylic/Capric/Succinic Triglyceride  MIGLYOL* 829 MIGLYOL* 829 MIGLYOL* 829 ECO  Coco-Caprylate/Caprate  MIGLYOL* Coco 810 |

| INCI Name   | Product                                 | Page |
|---|---|------|
| Glyceryl Caprylate  | SOFTISAN® GC8<br>SOFTISAN® GC8 PalmFree | 15   |
| Glyceryl Citrate/Lactate/Linoleate/Oleate, Polyglyceryl-4 Cocoate, Polyglyceryl-3 Caprate, Glyceryl Caprylate | IMWITOR® liteMULS                       | Ş    |
| Glyceryl Citrate/Lactate/Linoleate/Oleate   | IMWITOR® 375                            | Ş    |
| Glyceryl Cocoate  | IMWITOR® 928                            | 9    |
| Glyceryl Isostearate  | IMWITOR® GMIS                           | 1    |
| Glyceryl Oleate   | IMWITOR® 948                            |      |
| Glyceryl Ricinoleate  | SOFTIGEN® 701                           | 1    |
| Glyceryl Ricinoleate, Tocopherol  | SOFTIGEN® 701 ECO                       | 1    |
| Glyceryl Stearate   | IMWITOR® 491<br>IMWITOR® 900 K          |      |
| Glyceryl Stearate Citrate   | IMWITOR® 372 P                          |      |
| Glyceryl Stearate SE  | IMWITOR® 960 K                          |      |
| Hydrogenated Coco-Glycerides  | SOFTISAN® 100<br>SOFTISAN® 142          | 2    |
| Hydrogenated Palm Oil   | SOFTISAN® 154                           | 2    |
| Oleyl Erucate   | MIGLYOL® OE                             |      |
| Olus Oil (EU)   | SOFTIGEN®PURA                           |      |

22 | Register of INCI Names | 23

# REGISTER OF INCI NAMES

|   | INCI Name  | Product   | Page |
|---|--|---|------|
| Р | PCA Glyceryl Oleate  | SOFTISAN® conditionHAIR                         | 17   |
|   | PEG-6 Caprylic/Capric Glycerides   | SOFTIGEN® 767                                   | 13   |
|   | Polyglyceryl-2 Caprate   | SOFTISAN® PG2 C10                               | 15   |
|   | Polyglyceryl-3 Caprate   | IMWITOR® PG3 C10                                | 13   |
|   | Polyglyceryl-3 Diisostearate   | IMWITOR® PG3 DIS                                | 11   |
|   | Polyglyceryl-3 Polyricinoleate   | IMWITOR® 600                                    | 11   |
|   | Polyglyceryl-4 Cocoate   | IMWITOR® PG4 Cocoate                            | 13   |
|   | Propylene Glycol Dicaprylate/Dicaprate   | MIGLYOL® PPG 810                                | 7    |
|   | Propylene Glycol Dicaprylate/Dicaprate, Bis-Diglyceryl Polyacyladipate-1, Stearalkonium Hectorite, Propylene Carbonate | SOFTISAN® Gel                                   | 19   |
|   | Propylene Glycol Dicaprylate/Dicaprate,<br>Stearalkonium Hectorite, Propylene Carbonate                                | MIGLYOL® Gel 840 B                              | 19   |
| Т | Tricaprylin  | WITARIX® MCT C8<br>WITARIX® MCT C8 pure coconut |      |
|   | Triheptanoin   | MIGLYOL® T-C7                                   | 5    |
|   | Trimyristin  | DYNASAN® 114                                    | 21   |
|   | Tristearin   | DYNASAN® 118                                    | 21   |
|   |  |   |      |
| V | Vegetable Oil  | SOFTIGEN®PURA                                   | 7    |



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