



IOI OLEOCHEMICAL

PERSONAL CARE

# TOUCHING TECHNOLOGIES



IOI Oleo GmbH

# TOUCHING TECHNOLOGIES



## About Technologies

Innovators of the first hour with the vision of Arthur Imhausen in 1912, our specialty ingredients IMWITOR®, MIGLYOL®, SOFTIGEN®, SOFTISAN®, DYNASAN® & WITARIX® inspire trust and cost-effective reliability.

Today equipped with first class GMP certified production, IOI Oleo GmbH (part of IOI Oleochemical Division) proudly produces in Germany the highest quality of esters and natural ingredients for pharmaceutical, cosmetics & nutrition applications.



## Sensorial Technologies

A broad portfolio of multifunctional ingredients from emollients to emulsifiers makes IOI Oleo a creative partner for both modern and nature-based cosmetic formulators.

Let our experience develop and support your tailor sensorial profile and make this touch become your signature.



## Emotional Technologies

The sustainability, touch and after-feel of your next formula is of upmost importance to create an impactful consumer experience.

Our passionate team will provide you with a full range of emotion-providing solutions to pick the best story and sensory profile you need for your concept.

All of this, in a constant and transparent respect of Nature.

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| Signature Touch                  | 8  |
| Emollients                       | 16 |
| Signature Texture                | 20 |
| Emulsifiers                      | 22 |
| Multifunctionals                 | 26 |
| Oleogels, Stabilizing Agents     | 32 |
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INCI REGISTER

| INCI                                                                                                                         | Trade Name                                                                                                                                 | China compliant  | Page |
|------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------|------------------|------|
| Bis-Diglyceryl Polyacyladipate-1                                                                                             | SOFTISAN® 645                                                                                                                              | ●                | 29   |
| Bis-Diglyceryl Polyacyladipate-2                                                                                             | SOFTISAN® 649                                                                                                                              | ●                | 29   |
| Butylene Glycol Dicaprylate/Dicaprate                                                                                        | MIGLYOL® 8810 , MIGLYOL® 8810 ECO <span>NEW</span>                                                                                         | ●                | 16   |
| Caprylic/Capric Glycerides                                                                                                   | IMWITOR® 742 <span>MTO</span>                                                                                                              | ⓘ                | 31   |
| Caprylic/Capric Triglyceride                                                                                                 | WITARIX® MCT 60/40,<br>WITARIX® MCT 60/40 coconut based,<br>WITARIX® MCT 60/40 SG, <span>NEW</span> <span>MTO</span><br>WITARIX® MCT 70/30 | ●<br>ⓘ<br>ⓘ<br>ⓘ | 19   |
| Caprylic/Capric Triglyceride (and) Hydrogenated Rapeseed Oil                                                                 | SOFTIGEN® PURA                                                                                                                             | ●                | 19   |
| Caprylic/Capric Triglyceride (and) Stearalkonium Hectorite (and) Propylene Carbonate                                         | MIGLYOL® Gel B                                                                                                                             | ●                | 32   |
| Caprylic/Capric/Myristic/Stearic Triglyceride                                                                                | SOFTISAN® 378                                                                                                                              | ●                | 19   |
| Caprylic/Capric/Succinic Triglyceride                                                                                        | MIGLYOL® 829, MIGLYOL® 829 ECO                                                                                                             | ●                | 19   |
| Coco-Caprylate/Caprate                                                                                                       | MIGLYOL® Coco 810                                                                                                                          | ●                | 16   |
| Decyl Oleate                                                                                                                 | MIGLYOL® DO <span>MTO</span>                                                                                                               | ⓘ                | 16   |
| Glyceryl Caprylate                                                                                                           | SOFTISAN® GC8, SOFTISAN® GC8 PalmFree                                                                                                      | ●                | 31   |
| Glyceryl Citrate/Lactate/Linoleate/Oleate                                                                                    | IMWITOR® 375                                                                                                                               | ●                | 23   |
| Glyceryl Citrate/Lactate/Linoleate/Oleate (and) Polyglyceryl-4 Cocoate (and) Polyglyceryl-3 Caprate (and) Glyceryl Caprylate | IMWITOR® liteMULS                                                                                                                          |                  | 23   |
| Glyceryl Isostearate                                                                                                         | IMWITOR® GMIS                                                                                                                              | ●                | 24   |
| Glyceryl Oleate                                                                                                              | IMWITOR® 948 <span>MTO</span>                                                                                                              | ●                | 24   |
| Glyceryl Ricinoleate                                                                                                         | SOFTIGEN® 701 <span>MTO</span> , SOFTIGEN® 701 ECO <span>MTO</span>                                                                        | ⓘ                | 31   |
| Glyceryl Stearate                                                                                                            | IMWITOR® 491,<br>IMWITOR® 900 K                                                                                                            | ⓘ<br>●           | 23   |
| Glyceryl Stearate Citrate                                                                                                    | IMWITOR® 372 P                                                                                                                             | ●                | 23   |
| Glyceryl Stearate SE                                                                                                         | IMWITOR® 960 K                                                                                                                             | ⓘ                | 23   |
| Hydrogenated Coco-Glycerides                                                                                                 | SOFTISAN® 100, SOFTISAN® 142                                                                                                               | ●                | 35   |
| Hydrogenated Palm Oil                                                                                                        | SOFTISAN® 154                                                                                                                              | ●                | 35   |
| Oleyl Erucate                                                                                                                | MIGLYOL® OE <span>MTO</span>                                                                                                               | ●                | 19   |

| INCI                                                                                           | Trade Name                                      | China compliant | Page |
|------------------------------------------------------------------------------------------------|-------------------------------------------------|-----------------|------|
| PCA Glyceryl Oleate                                                                            | SOFTISAN® conditionHAIR                         | ●               | 29   |
| PEG-6 Caprylic/Capric Glycerides                                                               | SOFTIGEN® 767                                   | ●               | 37   |
| Polyglyceryl-2 Caprate                                                                         | SOFTISAN® PG2 C10                               | ●               | 31   |
| Polyglyceryl-3 Caprate                                                                         | IMWITOR® PG3 C10                                | ●               | 37   |
| Polyglyceryl-3 Diisostearate                                                                   | IMWITOR® PG3 DIS                                | ●               | 24   |
| Polyglyceryl-3 Polyricinoleate                                                                 | IMWITOR® 600                                    | ●               | 24   |
| Polyglyceryl-4 Cocoate                                                                         | IMWITOR® PG4 Cocoate <span>MTO</span>           |                 | 37   |
| Propylene Glycol Dicaprylate/Dicaprate                                                         | MIGLYOL® PPG 810                                | ●               | 16   |
| Propylene Glycol Dicaprylate/Dicaprate (and) Stearalkonium Hectorite (and) Propylene Carbonate | MIGLYOL® Gel 840 B                              | ●               | 32   |
| Tricaprylin                                                                                    | WITARIX® MCT C8<br>WITARIX® MCT C8 pure coconut | ●<br>ⓘ          | 16   |
| Tricaprylin (and) Acacia Senegal Gum                                                           | SOFTISAN® MagicPOWDER S <span>NEW</span>        | ●               | 29   |
| Triheptanoin                                                                                   | MIGLYOL® T-C7                                   | ●               | 16   |
| Trimyristin                                                                                    | DYNASAN® 114                                    | ⓘ               | 35   |
| Tristearin                                                                                     | DYNASAN® 118                                    | ●               | 35   |

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- ⓘ IECIC compliant
- IECIC & CSAR compliant

MTO Made-to-order

SELECTION CRITERIA GUIDE

|                                                                 |  Cold-process |  Vegan |  2-0002-04-100-02<br>Palm based |  NATURAL<br>COSMETICS<br>ISO 16128 |  ECOCERT<br>APPROVED |  NaTrue<br>approved |  Kosher |  Halal |
|-----------------------------------------------------------------|------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------|
| EMOLLIENTS                                                      |                                                                                                |                                                                                         |                                                                                                                  |                                                                                                                     |                                                                                                       |                                                                                                        |                                                                                            |                                                                                           |
| MIGLYOL® 829                                                    | ✓                                                                                              | ✓                                                                                       | MB                                                                                                               | 0.87                                                                                                                |                                                                                                       |                                                                                                        | ✓                                                                                          | ✓                                                                                         |
| MIGLYOL® 829 ECO                                                | ✓                                                                                              | ✓                                                                                       | MB                                                                                                               | 1.00                                                                                                                |                                                                                                       |                                                                                                        | ✓                                                                                          | ✓                                                                                         |
| MIGLYOL® 8810                                                   | ✓                                                                                              | ✓                                                                                       | MB                                                                                                               | 0.79                                                                                                                |                                                                                                       |                                                                                                        | ✓                                                                                          | ✓                                                                                         |
| MIGLYOL® 8810 ECO <small>(NEW)</small>                          | ✓                                                                                              | ✓                                                                                       | MB                                                                                                               | 1.00                                                                                                                |                                                                                                       |                                                                                                        | ✓                                                                                          | ✓                                                                                         |
| MIGLYOL® Coco 810                                               | ✓                                                                                              | ✓                                                                                       | MB                                                                                                               | 1.00                                                                                                                | ✓                                                                                                     | ✓                                                                                                      | ✓                                                                                          | ✓                                                                                         |
| MIGLYOL® DO <small>(MTO)</small>                                | ✓                                                                                              | ✓                                                                                       | MB                                                                                                               | 1.00                                                                                                                | ✓                                                                                                     | ✓                                                                                                      | ✓                                                                                          | ✓                                                                                         |
| MIGLYOL® OE <small>(MTO)</small>                                | ✓                                                                                              | ✓                                                                                       | MB                                                                                                               | 1.00                                                                                                                | ✓                                                                                                     | ✓                                                                                                      | ✓                                                                                          | ✓                                                                                         |
| MIGLYOL® PPG 810                                                | ✓                                                                                              | ✓                                                                                       | MB                                                                                                               | 0.79                                                                                                                |                                                                                                       |                                                                                                        | ✓                                                                                          | ✓                                                                                         |
| MIGLYOL® T-C7                                                   | ✓                                                                                              | ✓                                                                                       |                                                                                                                  | 1.00                                                                                                                | ✓                                                                                                     | ✓                                                                                                      | ✓                                                                                          | ✓                                                                                         |
| SOFTIGEN® PURA                                                  | ✓                                                                                              | ✓                                                                                       | MB                                                                                                               | 1.00                                                                                                                | ✓                                                                                                     | ✓                                                                                                      | ✓                                                                                          | ✓                                                                                         |
| SOFTISAN® 378                                                   |                                                                                                | ✓                                                                                       | MB                                                                                                               | 1.00                                                                                                                | ✓                                                                                                     | ✓                                                                                                      | ✓                                                                                          | ✓                                                                                         |
| WITARIX® MCT 60/40                                              | ✓                                                                                              | ✓                                                                                       | MB                                                                                                               | 1.00                                                                                                                | ✓                                                                                                     | ✓                                                                                                      | ✓                                                                                          | ✓                                                                                         |
| WITARIX® MCT 60/40 coconut based                                | ✓                                                                                              | ✓                                                                                       |                                                                                                                  | 1.00                                                                                                                | ✓                                                                                                     | ✓                                                                                                      | ✓                                                                                          | ✓                                                                                         |
| WITARIX® MCT 60/40 SG <small>(NEW)</small> <small>(MTO)</small> | ✓                                                                                              | ✓                                                                                       | SG                                                                                                               | 1.00                                                                                                                | ✓                                                                                                     | ✓                                                                                                      |                                                                                            | ✓                                                                                         |
| WITARIX® MCT 70/30                                              | ✓                                                                                              | ✓                                                                                       | MB                                                                                                               | 1.00                                                                                                                | ✓                                                                                                     | ✓                                                                                                      | ✓                                                                                          | ✓                                                                                         |
| WITARIX® MCT C8                                                 | ✓                                                                                              | ✓                                                                                       | MB                                                                                                               | 1.00                                                                                                                | ✓                                                                                                     | ✓                                                                                                      | ✓                                                                                          | ✓                                                                                         |
| WITARIX® MCT C8 pure coconut                                    | ✓                                                                                              | ✓                                                                                       |                                                                                                                  | 1.00                                                                                                                | ✓                                                                                                     | ✓                                                                                                      | ✓                                                                                          | ✓                                                                                         |
| EMULSIFIERS                                                     |                                                                                                |                                                                                         |                                                                                                                  |                                                                                                                     |                                                                                                       |                                                                                                        |                                                                                            |                                                                                           |
| IMWITOR® 372 P                                                  |                                                                                                | ✓                                                                                       | MB                                                                                                               | 1.00                                                                                                                | ✓                                                                                                     | ✓                                                                                                      | ✓                                                                                          | ✓                                                                                         |
| IMWITOR® 375                                                    | ✓                                                                                              | ✓                                                                                       |                                                                                                                  | 1.00                                                                                                                | ✓                                                                                                     | ✓                                                                                                      | ✓                                                                                          | ✓                                                                                         |
| IMWITOR® 491                                                    |                                                                                                | ✓                                                                                       |                                                                                                                  | 1.00                                                                                                                | ✓                                                                                                     | ✓                                                                                                      | ✓                                                                                          | ✓                                                                                         |
| IMWITOR® 600                                                    | ✓                                                                                              | ✓                                                                                       |                                                                                                                  | 1.00                                                                                                                | ✓                                                                                                     | ✓                                                                                                      | ✓                                                                                          | ✓                                                                                         |
| IMWITOR® 900 K                                                  |                                                                                                | ✓                                                                                       | MB                                                                                                               | 1.00                                                                                                                | ✓                                                                                                     | ✓                                                                                                      | ✓                                                                                          | ✓                                                                                         |
| IMWITOR® 948 <small>(MTO)</small>                               | ✓                                                                                              | ✓                                                                                       | MB                                                                                                               | 1.00                                                                                                                | ✓                                                                                                     | ✓                                                                                                      | ✓                                                                                          | ✓                                                                                         |
| IMWITOR® 960 K                                                  |                                                                                                | ✓                                                                                       | MB                                                                                                               | 1.00                                                                                                                | ✓                                                                                                     | ✓                                                                                                      | ✓                                                                                          | ✓                                                                                         |
| IMWITOR® GMIS                                                   | ✓                                                                                              | ✓                                                                                       |                                                                                                                  | 1.00                                                                                                                | ✓                                                                                                     | ✓                                                                                                      |                                                                                            | ✓                                                                                         |
| IMWITOR® liteMULS                                               | ✓                                                                                              | ✓                                                                                       | MB                                                                                                               | 1.00                                                                                                                | ✓                                                                                                     | ✓                                                                                                      | ✓                                                                                          | ✓                                                                                         |
| IMWITOR® PG3 DIS                                                | ✓                                                                                              | ✓                                                                                       |                                                                                                                  | 1.00                                                                                                                | ✓                                                                                                     | ✓                                                                                                      |                                                                                            | ✓                                                                                         |

|                                              |  Cold-process |  Vegan |  2-0002-04-100-02<br>Palm based |  NATURAL<br>COSMETICS<br>ISO 16128 |  ECOCERT<br>APPROVED |  NaTrue<br>approved |  Kosher |  Halal |
|----------------------------------------------|--------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------|
| MULTIFUNCTIONALS                             |                                                                                                  |                                                                                           |                                                                                                                    |                                                                                                                       |                                                                                                         |                                                                                                        |                                                                                            |                                                                                           |
| SOFTISAN® 645                                | ✓                                                                                                | ✓                                                                                         | MB                                                                                                                 | 0.85                                                                                                                  |                                                                                                         |                                                                                                        |                                                                                            | ✓                                                                                         |
| SOFTISAN® 649                                | ✓                                                                                                | ✓                                                                                         | MB                                                                                                                 | 0.85                                                                                                                  |                                                                                                         |                                                                                                        |                                                                                            | ✓                                                                                         |
| SOFTISAN® conditionHAIR                      | ✓                                                                                                | ✓                                                                                         |                                                                                                                    | 1.00                                                                                                                  | ✓                                                                                                       | ✓                                                                                                      | ✓                                                                                          | ✓                                                                                         |
| SOFTISAN® GC8                                | ✓                                                                                                | ✓                                                                                         | MB                                                                                                                 | 1.00                                                                                                                  | ✓                                                                                                       | ✓                                                                                                      | ✓                                                                                          | ✓                                                                                         |
| SOFTISAN® GC8 PalmFree                       | ✓                                                                                                | ✓                                                                                         |                                                                                                                    | 1.00                                                                                                                  | ✓                                                                                                       | ✓                                                                                                      | ✓                                                                                          | ✓                                                                                         |
| SOFTISAN® MagicPOWDER S <small>(NEW)</small> | ✓                                                                                                | ✓                                                                                         |                                                                                                                    | 1.00                                                                                                                  | ✓                                                                                                       | ✓                                                                                                      |                                                                                            | ✓                                                                                         |
| SOFTISAN® PG2 C10                            | ✓                                                                                                | ✓                                                                                         | MB                                                                                                                 | 1.00                                                                                                                  | ✓                                                                                                       | ✓                                                                                                      | ✓                                                                                          | ✓                                                                                         |
| SOFTIGEN® 701 <small>(MTO)</small>           | ✓                                                                                                | ✓                                                                                         |                                                                                                                    | 1.00                                                                                                                  |                                                                                                         |                                                                                                        |                                                                                            | ✓                                                                                         |
| SOFTIGEN® 701 ECO <small>(MTO)</small>       | ✓                                                                                                | ✓                                                                                         |                                                                                                                    | 1.00                                                                                                                  | ✓                                                                                                       | ✓                                                                                                      |                                                                                            | ✓                                                                                         |
| IMWITOR® 742 <small>(MTO)</small>            | ✓                                                                                                | ✓                                                                                         | MB                                                                                                                 | 1.00                                                                                                                  | ✓                                                                                                       | ✓                                                                                                      | ✓                                                                                          | ✓                                                                                         |
| OLEOGELS & STABILIZING AGENTS                |                                                                                                  |                                                                                           |                                                                                                                    |                                                                                                                       |                                                                                                         |                                                                                                        |                                                                                            |                                                                                           |
| MIGLYOL® Gel 840 B                           | ✓                                                                                                | ✓                                                                                         | MB                                                                                                                 | 0.74                                                                                                                  |                                                                                                         |                                                                                                        | ✓                                                                                          | ✓                                                                                         |
| MIGLYOL® Gel B                               | ✓                                                                                                | ✓                                                                                         | MB                                                                                                                 | 0.94                                                                                                                  |                                                                                                         |                                                                                                        | ✓                                                                                          | ✓                                                                                         |
| SOLID LIPIDS & CONSISTENCY AGENTS            |                                                                                                  |                                                                                           |                                                                                                                    |                                                                                                                       |                                                                                                         |                                                                                                        |                                                                                            |                                                                                           |
| SOFTISAN® 100                                | ✓                                                                                                | ✓                                                                                         | MB                                                                                                                 | 1.00                                                                                                                  | ✓                                                                                                       | ✓                                                                                                      | ✓                                                                                          | ✓                                                                                         |
| SOFTISAN® 142                                |                                                                                                  | ✓                                                                                         | MB                                                                                                                 | 1.00                                                                                                                  | ✓                                                                                                       | ✓                                                                                                      | ✓                                                                                          | ✓                                                                                         |
| SOFTISAN® 154                                |                                                                                                  | ✓                                                                                         | MB                                                                                                                 | 1.00                                                                                                                  | ✓                                                                                                       | ✓                                                                                                      | ✓                                                                                          | ✓                                                                                         |
| DYNASAN® 114                                 |                                                                                                  | ✓                                                                                         | MB                                                                                                                 | 1.00                                                                                                                  | ✓                                                                                                       | ✓                                                                                                      |                                                                                            | ✓                                                                                         |
| DYNASAN® 118                                 |                                                                                                  | ✓                                                                                         | MB                                                                                                                 | 1.00                                                                                                                  | ✓                                                                                                       | ✓                                                                                                      |                                                                                            | ✓                                                                                         |
| SOLUBILIZERS & SURFACTANTS                   |                                                                                                  |                                                                                           |                                                                                                                    |                                                                                                                       |                                                                                                         |                                                                                                        |                                                                                            |                                                                                           |
| IMWITOR® PG3 C10                             | ✓                                                                                                | ✓                                                                                         | MB                                                                                                                 | 1.00                                                                                                                  | ✓                                                                                                       | ✓                                                                                                      | ✓                                                                                          | ✓                                                                                         |
| IMWITOR® PG4 Cocoate <small>(MTO)</small>    | ✓                                                                                                | ✓                                                                                         | MB                                                                                                                 | 1.00                                                                                                                  | ✓                                                                                                       | ✓                                                                                                      | ✓                                                                                          | ✓                                                                                         |
| SOFTIGEN® 767                                | ✓                                                                                                | ✓                                                                                         | MB                                                                                                                 | 0.00                                                                                                                  |                                                                                                         |                                                                                                        |                                                                                            | ✓                                                                                         |

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