



IOI OLEOCHEMICAL

PERSONAL CARE

TECHNICAL DATA SHEET

WITARIX[®] MCT C8

INCI: Tricaprylin



2-0002-04-100-02



THE SENSORY TRANSFORMER

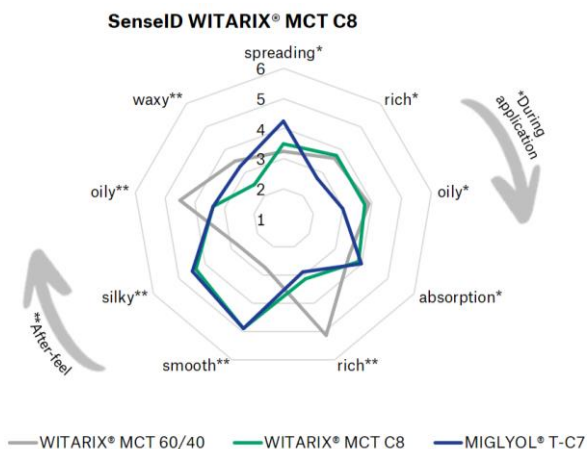
Surprisingly sensorial transforming rich-to-light-emollient
Non-surprisingly, 100% natural, vegan & sustainable

DESCRIPTION

WITARIX® MCT C8 is a sensory transforming eco-friendly emollient, based on 100% natural, vegan & renewable sources.

With its rich-to-light transforming characteristics, WITARIX® MCT C8 adds a **surprising touch to every formula!** The medium spreading emollient offers medium playtime and an appealing oily and **rich feel** skin feel **during application**.

While massaging the pure ingredient into the skin, experience the surprise of the rich-to-light transformation, which offers **exceptional lightness** and **striking non-oily silky- and smoothness (after-feel)**.



It is a triester of glycerol and caprylic acid. WITARIX® MCT C8 is a colorless liquid of low viscosity with a characteristic odor.

WITARIX® MCT C8 has a surprising sensory but is non-surprisingly eco- and skin-friendly! The 100% natural, RSPO MB certified & vegan specialty is readily biodegradable and non-toxic to aquatic organisms. Combined with its skin-loving properties (non-irritating to skin & eyes) and its mild profile (considered safe for lip use), it is the perfect surprise for any cosmetic concept and upgrades all formulas to a premium skin care feel.

APPLICATION

Due to its medium to high polarity, **WITARIX® MCT C8** is a perfect fit for any kind of sun or color care concepts. The pure Tricaprylin eases solubilizing crystalline UV filters and wetting pigments. Combined with the 2in1 sensory (see above), WITARIX® MCT C8 leads to good spreadability and pleasant, **non-oily, moisturized skin feel** in all formulations.

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|--|--|--|--|
| <input checked="" type="checkbox"/> Skin Care | <input checked="" type="checkbox"/> Body Care | <input checked="" type="checkbox"/> Sun Care | <input checked="" type="checkbox"/> Color Cosmetics |
| <input checked="" type="checkbox"/> Baby Care | <input checked="" type="checkbox"/> Hair Care | <input checked="" type="checkbox"/> Bath Care | <input checked="" type="checkbox"/> Wet Wipes |
| <input checked="" type="checkbox"/> Self-Tanning | <input checked="" type="checkbox"/> Beard Care | <input checked="" type="checkbox"/> Deodorants | <input checked="" type="checkbox"/> Intimate Hygiene |

UVA/UVB filters (powder/granules)	%... soluble in WITARIX® MCT C8
Butyl Methoxydibenzoylmethane (BMDDBM)	11%
Diethylamino Hydroxybenzoyl Hexyl Benzoate (DHBB)	14%
Ethylhexyl Triazone (EHT)	8%
Benzophenone-3 (BP-3)	14%



WITARIX® MCT C8 can be mixed in any ratio with any liquid UVA, UVB (e.g. OCR, EHS, HMS and EHMC) and infrared filters and is able to solubilize more than usually allowed quantities of above mentioned (see table) crystalline UV filters. It is miscible in all ratios with oils and fats.

FORMULATION HINTS

- Recommended concentration of **WITARIX® MCT C8**: 0.5 – 40% (and above)
 - Lip care: 3 – 40% (safe to use)
 - Shampoos: 0.5 – 2%
 - Conditioner & hair masks: > 2%
- Applicable for cold and hot processes
- Add WITARIX® MCT C8 to the oil or surfactant phase
- Recommended pH level: pH 4.0 – 7.0

FORMULATION GUIDE

BALM-TO-OIL MOISTURIZING CLEANSER NO. 811

The majority of skin cleansers are harsh; they remove skin oils and can leave your skin dry and tense. Our super mild but deep cleansing Balm-to-Oil Moisturizing Cleanser is different. Take some product out of the jar with your dry hands and massage it onto your face. Emulsify the product with lukewarm water. Now, let the magic happen. Rinse it off and enjoy clean and soft skin thanks to the great combination of our water-in-oil emulsifier IMWITOR® 600 and SOFTISAN® conditionHAIR, for that extra moisture boost. No more creams needed!

Trade Name	INCI	%
PHASE A WITARIX® MCT C8	Tricaprylin	12.0
SOFTISAN® conditionHAIR	PCA Glyceryl Oleate	0.5
MIGLYOL® T-C7	Triheptanoin	12.0
MIGLYOL® 8810	Butylene Glycol Dicaprylate/Dicaprate	10.0
SOFTIGEN®PURA	Caprylic/Capric Triglyceride (and)	10.0
	Hydrogenated Rapeseed Oil	
IMWITOR® 600	Polyglyceryl-3 Polyricinoleate	2.4
8104 Beeswax White	Cera Alba	14.0
6692 Rose Wax	Rosa Damascena Flower Cera	2.0
Plantacare® 2000 UP	Decyl Glucoside	20.0
Sunflower Oil	Helianthus Annuus Seed Oil	16.6
Tocopherol	Tocopherol	0.5

PREPARATION

1. Mix and heat phase A to 75°C.
2. Cool down to 45°C with stirring and fill into molds.

SUPPLIERS:

IOI Oleo GmbH: IMWITOR®, MIGLYOL®, SOFTIGEN®, SOFTISAN®, WITARIX®
 KahlWax: Beeswax, Rose Wax
 BASF: Plantacare®



NAILED IT! POLISH REMOVER FOR WATER BASED LACQUERS NO. 839

Painting nails and trying every possible color is a thing most teens and women love to do. Just by a new color, you can not only change the outfit, but also your mood. Nowadays it is not only about fun and color, but also about the environment and health. The trend goes to natural and water-based nail polishes. Great for application and health but unfortunately difficult to remove. The combination of IMWITOR® 375 as solubilizer and the two very polar oils MIGLYOL® T-C7 and WITARIX® MCT C8 ensures a healthy yet effective removal of the water-based lacquers while caring for your skin and nails. Easy and healthy to use for all ages.

	Trade Name	INCI	%
PHASE A	IMWITOR® 375	Glyceryl Citrate/Lactate/Linoleate/Oleate	5.0
	MIGLYOL® T-C7	Triheptanoin	31.5
	WITARIX® MCT C8	Tricaprylin	32.0
	Ethanol	Ethanol	30.0
	Nivesse DF Extra 0797442	Parfum (EU)/ Fragrance (US)	1.0
	Tocopherol	Tocopherol	0.5

PREPARATION:

1. Weigh out the ingredients one by one and mix until a homogeneous transparent solution is obtained.

SUPPLIERS:

IOI Oleo: IMWITOR®, MIGLYOL®, WITARIX®
Bell: Parfum

HANDLING AND SHELF LIFE

The shelf life of WITARIX® MCT C8 is at least twenty-four months if the product is stored below 25°C in a dry place in original, tightly closed containers, protected from light and moisture.

PACKAGING UNITS

25 kg Multitainer; 600 kg on CP3 pallet
190 kg drum; 760 kg on CP3 pallet
950 kg IBC

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Raw material approved by ECOCERT GREENLIFE, compliant with the COSMOS standard

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