



Technical Data Sheet

WITARIX[®] MCT 60/40

WITARIX[®] MCT 60/40 coconut based

WITARIX[®] MCT 70/30

INCI: Caprylic/Capric Triglyceride

- ❖ **SMOOTH SKIN FEEL**
- ❖ **MEDIUM SPREADABILITY**
- ❖ **GOOD ABSORPTION ON SKIN**



IOI OLEOCHEMICAL

Personal Care



1. DESCRIPTION

WITARIX® MCT is a classic emollient with unique sensory that is used in almost every kind of formulation. MCT offers a medium spreadability, good skin-smoothing properties and food solubility characteristics. It is 100% natural, vegan and produced exclusively in Germany. IOI Oleo offers three different types of MCT:

	Ratio of C8/C10	RSPO MB or PO/PKO-free?
WITARIX® MCT 60/40	55-65% C8; 35-45% C10	RSPO MB certified
WITARIX® MCT 60/40 coconut based	55-65% C8; 35-45% C10	PO/PKO free
WITARIX® MCT 70/30	65-75% C8; 25-35% C10	RSPO MB certified

It is a triglyceride of saturated vegetable oil-derived caprylic and capric fatty acids and glycerin. WITARIX® MCT is a clear, virtually colorless liquid of neutral odor and taste. It is very pure because of its carefully selected raw materials. Due to the fully saturated nature of the raw material, it is very stable against heat, oxidation and light.

2. APPLICATION

The product exhibits excellent skin smoothing properties and can be used to promote skin penetration. Because of its exceptional stability and versatility, WITARIX® MCT is among the most widely used emollients in personal care applications. The very neutral taste and food-grade status make MCT oils also very popular for lip products of all kinds.

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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 |

WITARIX® MCT is miscible in all ratios with all oils, fats and ethanol with all fats and oils and can easily be incorporated into the oil phase. It is not soluble in water or glycerol.

FORMULATION HINTS

- Recommended concentration of WITARIX® MCT: 5 – 60%
- Applicable for hot and cold processes
- Add WITARIX® MCT to the oil phase.
- Recommended pH level: pH 4.0 – 7.0
- Non-oxidisable structure
- Liquid at 0°C





3. FORMULATION GUIDE

ULTRA RICH BARRIER CREAM

No. 805

Skin is our largest organ and protects us from much more than we know. Without it, we would be defenceless. It's time to give something back to our skin. For example with IOI's Ultra Rich Barrier Cream, which, thanks to SOFTISAN® 649, effectively supports the skin barrier by lowering the TEWL and thus promotes skin health. In balanced combination with MIGLYOL® T-C7 and MIGLYOL® OE, it creates an incredibly rich cream with a pleasant after feel that gently envelops and pampers your skin. When is your next skin pampering day?

Phase A		%
IMWITOR® 600 ¹	Polyglyceryl-3 Polyricinoleate	3.5
MIGLYOL® OE ¹	Oleyl Erucate	3.0
MIGLYOL® T-C7 ¹	Triheptanoin	8.0
WITARIX® MCT 60/40 ¹	Caprylic/Capric Triglyceride	8.0
SOFTISAN® 649 ¹	Bis-Diglyceryl Polyacyladipate-2	1.0
Argan Oil	Argania Spinosa (Argan) Kernel Oil	2.0
Beeswax	Cera Alba	2.0
Shea Butter	Butyrospermum Parkii (Shea) Butter	2.0
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Phase B		
Aqua dem.	Aqua	68.2
SOFTISAN® GC8 ¹	Glyceryl Caprylate	0.4
Zinc Sulfate Heptahydrate	Zinc Sulfate	1.2
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Phase C		
Tocopherol	Tocopherol	0.5
Nivesse DF extra ²	Parfum (EU)/ Fragrance (US)	0.2

Procedure:

- Heat phase A and B to 75°C.
- Add phase B to phase A in small amounts with stirring, then homogenize at low/medium speed.
- Cool phase A/B with gentle stirring to approx. 30°C.
- Add phase C and homogenize for a short time.

Supplier References:

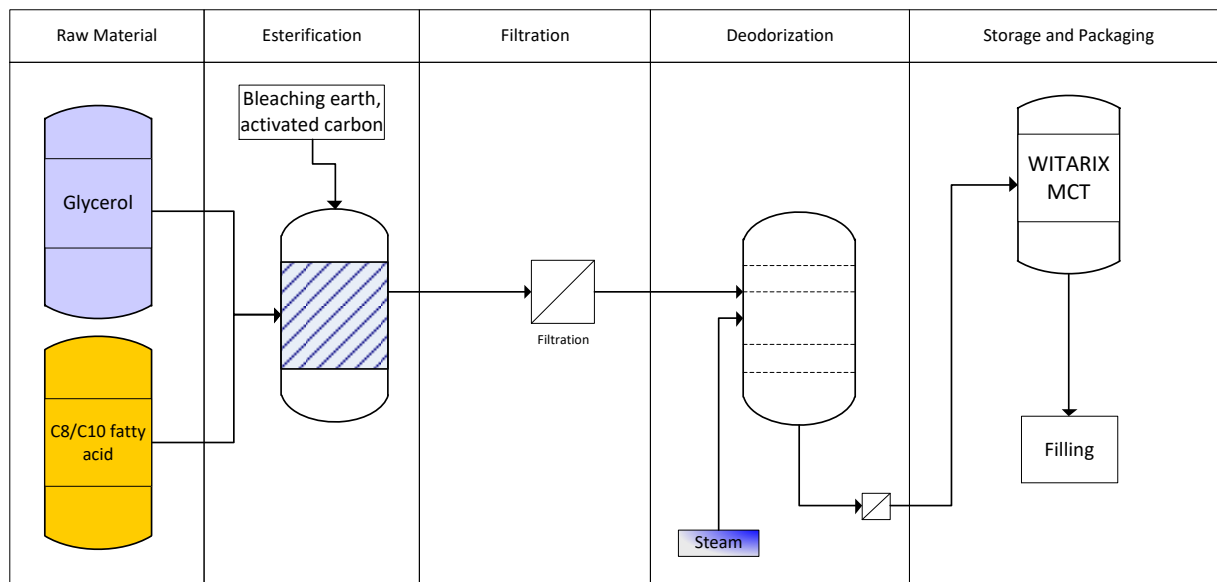
¹IOI Oleo GmbH, ² Bell



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4. FLOW CHART



5. HANDLING AND SHELF LIFE

Long-term storage: the shelf life for WITARIX[®] MCT is at least thirty-six months if the product is stored below 25°C in a dry place in original, tightly closed containers, protected from light and moisture.

6. PACKAGING UNITS

Hobbock with 25 kg, 600 kg on CP3 pallet
Drum with 190 kg, 760 kg on CP3 pallet
IBC with 900 kg
Road tanker





7. REGULATORY STATEMENT

	WITARIX® MCT
HS Code	15162098
CAS No.	73398-61-5
EU EINECS EC No.	277-452-2
REACH Status	01-2119492306-35-0001
Country of Origin	Germany
USA	registered for import and use in cosmetics
USA-GHS Compliance	Yes
Australia AICS CAS No.	73398-61-5
Canada DSL DSL/NDSL	DSL
Canada WHMIS 2015 Compliance	Yes
China IECIC Standard Chinese Name & Index	辛酸/癸酸甘油三酯 07206
Japan Ingredient/Labeling name	トリ（カプリル酸／カプリン酸）グリセリル
Korean INCI name	카프릴릭/카프릭트리글리세라이드
Halal	Yes
Kosher	Yes

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