



Technical Data Sheet

SOFTISAN® 378

INCI: Caprylic/Capric/Myristic/Stearic Triglyceride

- ❖ GLIDING EFFECT
- ❖ PROVIDES NON-OILY FILM
ON THE SKIN
- ❖ SMOOTH & CARING



IOI OLEOCHEMICAL

Personal Care



1. DESCRIPTION

SOFTISAN® 378 is a semi-solid emollient with a low melting point that leaves a non-tacky and non-greasy film on the skin. It is the perfect base for pasty product concepts like lip products or body butters, as it imparts structure and body to the product yet creates a surprisingly light skin feel. SOFTISAN® 378 has a superior oxidation stability and product uniformity and meets the requirements of recent Ph.Eur. “Hard Fat and USP/NF “Hard Fat”. It is 100 % natural, vegan, available in RSPO MB quality and manufactured exclusively in Germany.

It is a specialty blend of triglycerides based on saturated even-numbered, unbranched natural fatty acids of vegetable origin with a chain length of C8-C18. SOFTISAN® 378 is a white to ivory-coloured, semi-solid mass with a neutral fatty odour. Owing to its purely vegetable origin and its mode of production, SOFTISAN® 378 is free of any skin-irritating substances such as toxic heavy metals, catalysts, solvents, antioxidants and other stabilisers.

2. APPLICATION

SOFTISAN® 378 is a medium to low spreading product with a broad melting range from about 10°C to 45°C. It melts quickly on the skin and has a spreading cascade like those of mixtures of different oils. Formulations have an increased playtime without being greasy. Its film-forming properties provide a smooth, non-tacky caring effect. Already the use of 2% SOFTISAN® 378 in emulsions can change the sensorial properties significantly, making it an interesting product for the majority of cosmetic formulations.

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

SOFTISAN® 378 is miscible with fats and oils, soluble in acetone and ethanol when heated and insoluble in water.

FORMULATION HINTS

- Recommended dosage of SOFTISAN® 378: 1 – 30%
 - Creams & lotions: 2 – 15%
 - Lip sticks: 5 – 30%
 - Sun care: 1 – 3% in combination with e.g. SOFTISAN® 100 to control the spreadability of UV-filters
- Applicable for cold and hot processes (melting range: 10 – 45°C, melting point according to MSDS: 39.1°C), can be easily incorporated in both molten and cold state.
- Add SOFTISAN® 378 to the oil phase.
- Recommended pH level: pH 4.0 – 7.0
- **Please melt and stir the product before use to ensure its homogeneity, even if only some part of the product is being used.**





3. FORMULATION GUIDE

NO MORE BLUES – BLUELIGHT DEFENCE CREAM

No. 809

Today, extrinsic skin aging is a major deal for most men and women. Skin aging is not only caused by sunrays but also by IR rays and blue light. That is why protecting your face and body during holidays and outdoor activities is not enough. Your smartphone and computer produce blue light 24/7. There are many actives on the market, but in the end, it is the base that counts to get an even distribution of the actives on the skin. SOFTISAN® 649 is doing the job for you leading to a uniform protection layer.

Phase A		%
IMWITOR® 372 P ¹	Glyceryl Stearate Citrate	2.5
MIGLYOL® 8810 ¹	Butylene Glycol Dicaprylate/Dicaprate	10.0
MIGLYOL® 829 ECO ¹	Caprylic/Capric/Succinic Triglyceride	1.0
SOFTISAN® 378 ¹	Caprylic/Capric/Myristic/Stearic Triglyceride	2.0
SOFTISAN® 649 ¹	Bis-Diglyceryl Polyacyladipate-2	1.0
SOFTISAN® conditionHAIR ¹	PCA Glyceryl Oleate	1.0
KELTROL® CG-T ²	Xanthan Gum	0.2
VegeLight Silk ³	C9-12 Alkane	2.3
Cosphaderm® T-70 NON GMO ECO ⁴	Tocopherol (and) Helianthus Annuus Seed Oil	0.5
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Phase B		
Aqua dem.	Aqua	75.4
Natrosol™ Plus 330 CS ⁵	Cetyl Hydroxyethylcellulose	0.5
Glycerine (99.5)	Glycerine	3.0
euxyl® PE 9010 ⁶	Phenoxyethanol (and) Ethylhexylglycerin	1.0
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Phase C		
PANASOME™ LUTEIN ⁷	Water (and) Butylene Glycol (and) Hydrogenated Lecithin (and) Ethanol (and) Xanthophylls (and) Safflower Oil (and) Potassium Phosphate (and) Dipotassium Phosphate (and) Phenoxyethanol	0.3
Dexpanthenol (75.0)	Panthenol	0.5
0809177 Blue Lotus ECO ⁸	Parfum (EU)/ Fragrance (US)	0.3

Procedure:

- Heat phase A and B to 75°C. Pour phase B into phase A and homogenize (3 min @ 12.000 rpm).
- Stir phase A/B until the temperature reaches 40°C and add phase C under stirring. Adjust pH value if necessary to pH 5.3.

Supplier References:

¹IOI Oleo GmbH, ²CP Kelco, ³Biosynthis, ⁴Cosphatec, ⁵Ashland, ⁶Schülke & Mayr, ⁷Kyowa Pharma, ⁸Bell



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SHEER INNOCENCE LIPSTICK

No. 810

This sheer lipstick gives your lips everything they could ever ask for. A subtle lip tint in the colour of the year (living coral) combined with great moisturizing properties due to the SOFTISAN® conditionHAIR. SOFTISAN® 378 positively influences the melting behaviour on the lips and SOFTIGEN® 701 ECO leads to a better gliding of the lipstick.

Phase A		%
MIGLYOL® DO ¹	Decyl Oleate	12.60
WITARIX® MCT C8 pure coconut ¹	Tricaprylin	10.0
MIGLYOL® 829 ECO ¹	Caprylic/Capric/Succinic Triglyceride	10.0
SOFTISAN® 378 ¹	Caprylic/Capric/Myristic/Stearic Triglyceride	6.0
IMWITOR® PG3 DIS ¹	Polyglyceryl-3 Diisostearate	10.0
SOFTISAN® conditionHAIR ¹	PCA Glyceryl Oleate	2.0
SOFTISAN® 649 ¹	Bis-Diglyceryl Polyacyladipate-2	0.5
SOFTIGAN® 701 ECO ¹	Glyceryl Ricinoleate (and) Tocopherol	5.0
Kahlwax 6607L Sunflower Seed Wax ²	Helianthus Annuus (Sunflower) Seed Cera (and) Ascorbyl Palmitate (and) Tocopherol	8.0
Kahlwax 2039L Candelilla Wax ²	Euphorbia Cerifera (Candelilla) Cera	14.0
Castor Oil	Ricinus Communis (Castor) Seed Oil	20.0
Cosphaderm® T-70 NON GMO ECO ³	Tocopherol (and) Helianthus Annuus (Sunflower) Seed Oil	0.50
Phase B		
Fiesta Copper Coral FCL-CCO ⁴	Synthetic Fluorophlogopite (and) Titanium Dioxide (CI 77981) (and) Red 40 (CI 16035) (and) Tin Oxide (CI 77861)	2.07
Ecoperse Red 6 R6L-D94 ⁴	Red 6 Ba Lake (CI 15850:2) (and) Octyldodecyl Oleate	1.10
Ecoperse White W-47051 ⁴	Titanium Dioxide (CI 77891) (and) Octyldodecyl Oleate	1.47
Ecoperse Yellow 5 Y5L-69002 ⁴	FD&C Yellow 5 Al Lake (and) Octyldodecyl Oleate	0.27
Majestic Rhubarb MCM-RIO4 ⁴	Mica (and) Iron Oxides Red (CI 77492)	1.08
6800026 Raspberry Lips ⁵	Parfum (EU)/Fragrance (US)	0.40

Procedure:

- Mix and heat all materials to 80°C. If possible, disperse the powders first in WITARIX® MCT C8 pure coconut.
- Add the perfume immediately before filling the lipstick into the molds. Allow to cool down.

Supplier References:

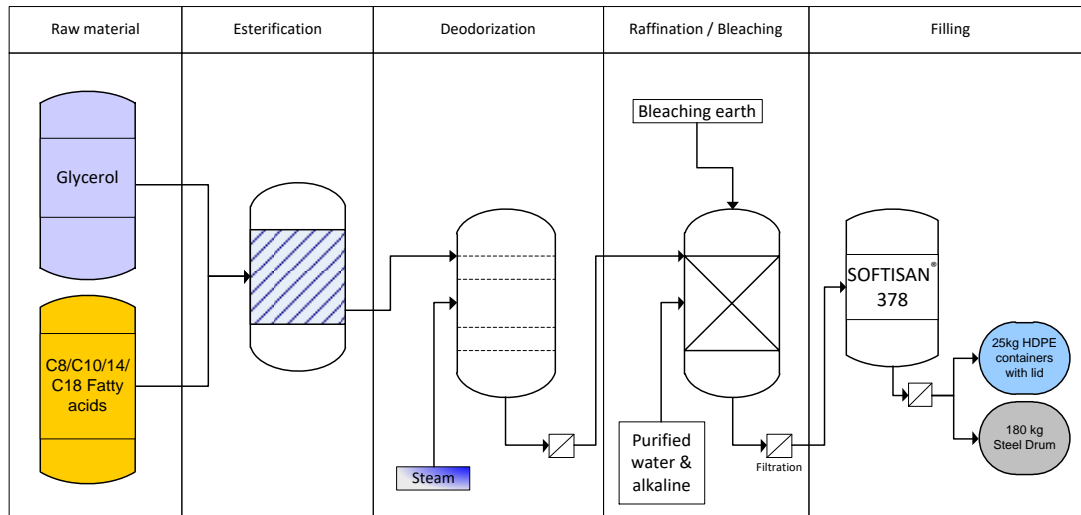
¹IOI Oleo GmbH, ²KahlWax, ³Cosphatec, ⁴Sandream, ⁵Bell



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4. FLOW CHART



5. HANDLING AND SHELF LIFE

Long-term storage: the shelf life for SOFTISAN® 378 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





7. REGULATORY STATEMENT

	SOFTISAN® 378
HS Code	15162098
CAS No.	85536-06-7
EU EINECS EC No.	287-487-5
REACH Status	01-2119964461-36-0000
Country of Origin	Germany
USA	registered for import and use in cosmetics
USA-GHS Compliance	Yes
Australia AICS CAS No.	85536-06-7
Canada DSL DSL/NDSL	DSL
Canada WHMIS 2015 Compliance	Yes
China IECIC Standard Chinese Name & Index	辛酸/癸酸/肉豆蔻酸/硬脂酸甘油三酯 07202
Japan Ingredient/ Labelling name	トリ（カプリル酸／カプリン酸／ミリスチン酸／ステアリン酸）グリセリル
Korean INCI name	카프릴릭/카프릭/미리스틱/스테아릭트리글리세라이드
Halal	Yes
Kosher	Yes

Please contact your distribution partner in your country or contact us directly at personalcare@ioioleo.de
Hamburg, Germany | +49 40 28 00 31 – 0 | www.ioioleo.de

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