



IOI OLEOCHEMICAL

PERSONAL CARE

TECHNICAL DATA SHEET

SOFTISAN[®] 378

INCI: Caprylic/Capric/Myristic/Stearic Triglyceride



2-0002-04-100-02

The “Melt-on-Touch” Emollient

Natural & vegan sensorial emollient, offering melting and gliding at body temperature together with superior oxidative stability

DESCRIPTION

SOFTISAN® 378 is the “**Melt-on-Touch**” **emollient** that **adds body and richness** to formulas and shows exceptional oxidative stability. It melts on skin contact (39°C) and combines a rich, smooth powdery skin sensation to an oily, powdery/velvety after-feel. But it will make you melt too! Thanks to its caressing, comforting and moisturizing skin feel as well as sustainable eco-friendliness, you will fall for the tenderness-packed SOFTISAN® 378.

SOFTISAN® 378 is an emollient based on **triglyceride-technology** consisting of a pasty broad range of selected **saturated** even-numbered, unbranched **pure fatty acids** (C8 – C18) with **various melting points** which grounds for the premium melting & gliding effect. This synergic system therefore starts to melt at 39°C and shows low to medium polarity. With its fully saturated natural chemistry, this light yellow (to white) solid offers an **exceptional high oxidative stability** and can be heated for a long period without any change in performance.

Fall in love with **SOFTISAN® 378** and melt at its contact, transforming a physical experience in a wave of emotions that **hugs your body** and **wraps your soul in pure tenderness!** Enjoy the comfort of a caress. Pamper and moisturize your skin and enjoy some well-deserved me-time with this **natural, vegan** and **eco-friendly specialty** (RSPO MB certified).

APPLICATION

SOFTISAN® 378 **adds body and richness** to formulas and is often used in emulsions or anhydrous concepts (such as lipsticks or balms) to enhance sensory and application. Living to the motto “Melt-on-Touch Emollient”, this pasty emollient adds **easy gliding-on-skin** to formulas, combined with a **rich, powdery** and **smooth skin sensation** during application. After massaging the ingredient into the skin, enjoy the **multi-dimensional after-feel** (rich, oily, waxy, and powdery-velvety).

<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 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 (molten state).

FORMULATION HINTS

- Recommended dosage of **SOFTISAN® 378**: 1 – 30% and above
 - Creams & lotions: 2 – 20% for moisturized and hydrated skin
 - Lip sticks: 5 – 30%
 - Sun care: 1 – 3% in combination with e.g. SOFTISAN® 100 to control the spreadability of UV-filters
- Applicable for low-heat and hot processes
- Add SOFTISAN® 378 to the oil phase (molten state, melting point ≈ 39°C (SDS))
- Recommended pH level: pH 4.0 – 7.0
- SOFTISAN® 378 **should be heated (> 60°C) and stirred before using** and **stirred while cooling down after using** to ensure a **homogeneous product**



FORMULATION GUIDE

SHOWER EXPLOSION NO. 842

Shower Explosion may sound dangerous - but believe us, it is just the opposite. It is a care explosion with the fun of using a bath bomb under the shower.

How does it work? SOFTISAN® 378, the “melt-on-touch” semi-solid emollient, connects all powdery ingredients and leaves a light and caring skin feel, SOFTISAN® conditionHAIR provides moisture, SOFTISAN® GC8 protects the product from germs and IMWITOR® PG3 C10 ensures extra creamy foam – all-natural, all eco-friendly.

What’s in for you besides sparkly fun and clean and cared skin? The Shower Explosion bombs are super handy, water-free, travel friendly and use less water during application than a conventional bath bomb.

	Trade Name	INCI	%
PHASE A	Sodium Bicarbonate	Sodium Bicarbonate	48.0
	Citric Acid	Citric Acid	19.0
	Maisita 9040	Zea Mays (Corn) Starch	8.5
	Emal® 10 G-3	Sodium Lauryl Sulfate	12.5
PHASE B	SOFTISAN® 378	Caprylic/Capric/Myristic/ Stearic Triglyceride	8.0
	SOFTISAN® conditionHAIR	PCA Glyceryl Oleate	1.0
	SOFTISAN® GC8	Glyceryl Caprylate	1.0
	IMWITOR® PG3 C10	Polyglyceryl-3 Caprate	1.0
PHASE C	Nivesse DF Extra 0797442	Parfum (EU)/ Fragrance (US)	1.0

PREPARATION:

1. Grind citric acid for 5x5 sec.
2. Mix the citric acid powder with the rest of phase A.
3. Melt and stir SOFTISAN® 378 before weighing the ingredient.
4. Melt and mix phase B (35 - 40°C), then add phase C.
5. Mix phase A and phase B/C until the mixture looks and feels like wet sand.
6. Press into desired shape, than place the Shower Explosion in the freezer (10 min). Remove from mold.

SUPPLIERS:

IOI Oleo: IMWITOR®, SOFTISAN®
 AGRANA: Maisita
 Kao: Emal®
 Bell: Parfum



SMOOTHING FOOT BALM NO. 846

Your feet want some love - show them your appreciation for carrying you every day and everywhere you want to go with this Smoothing Foot Balm. The rich texture smoothes and cares for your feet, not only during the day but especially overnight. We recommend applying a thick layer of this balm, putting on socks and awake with super soft and loved happy feet! IMWITOR® 372 P and IMWITOR® 900 K lead to the creamy texture, whereas SOFTISAN® conditionHAIR moisturizes your feet. The sensory emollients MIGLYOL® Coco 810, WITARIX® MCT C8 and SOFTISAN® 378 provide an instant yet lasting smooth-moisturizing skin feel and care for your stressed feet.

	Trade Name	INCI	%
PHASE A	IMWITOR® 372 P	Glyceryl Stearate Citrate	4.0
	IMWITOR® 900 K	Glyceryl Stearate	2.0
	Nafol® 1618 H	Cetearyl Alcohol	2.0
	Nafol 22-98	Behenyl Alcohol	1.0
	MIGLYOL® Coco 810	Coco-Caprylate/Caprates	5.0
	WITARIX® MCT C8	Tricaprylin	11.0
	SOFTISAN® 378	Caprylic/Capric/Myristic/Stearic Triglyceride	7.0
	SOFTISAN® conditionHAIR	PCA Glyceryl Oleate	1.0
	Tocopherol	Tocopherol	0.5
	Sucrathix® VX	Microcrystalline Cellulose (and) Cellulose Gum (and) Xanthan Gum	1.0
	Frescolat® X-Cool	Menthyl Ethylamido Oxalate	1.0
PHASE B	Water demin.	Aqua	59.1
	Cosphaderm® POP	Propanediol (and) Caprylyl Glycol (and) Phenylpropanol	1.2
	Glycerin	Glycerin	3.0
PHASE C	Oceania 49384079	Parfum (EU)/ Fragrance (US)	0.4
	Unicert Green K7015-J, 1% Aqueous Solution	Aqua (and) CI 61570	0.6
	Unicert Yellow 08005-J, 1% Aqueous Solution	Aqua (and) CI 19140	0.2

PREPARATION:

1. Melt and stir SOFTISAN® 378 before weighing the ingredient.
2. Weigh both phases A and B and heat them separately to approx. 75°C.
3. Add phase B to phase A and homogenize (3 min @ 12.000 rpm).
4. Allow to cool (35 - 40°C) while stirring.
5. Add phase C while stirring.
6. Adjust the pH to pH 5.5 - 6.0 if necessary.

SUPPLIERS:

IOI Oleo: IMWITOR®, MIGLYOL®, SOFTISAN®, WITARIX®
 Sasol: Nafol®, Nacol
 Alchemy Ingredients: Sucrathix®
 Symrise: Frescolat®
 Cosphatec: Cosphaderm®
 drom: Parfum
 Sensient: Unicert



HANDLING AND SHELF LIFE

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.

SOFTISAN® 378 should be heated and stirred before using and stirred while cooling down to ensure a homogeneous product.

PACKAGING UNITS

Hobbock with 25 kg, 600 kg on CP3 pallet

Drum with 180 kg, 720 kg on CP3 pallet

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

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