



IOI OLEOCHEMICAL



FORMULA DATA

Appearance:	Slightly yellowish solid
pH:	n.a. (water-free)
Viscosity:	n.a. (stick)
Stability test:	Passed (3 months @ 20 °C & 40 °C, 10 days @ 50 °C)
Challenge test:	Passed (<0.75, ISO 29621)



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V1.1

Comforting Anti-Chafe Stick

- Anhydrous anti-friction stick for legs and arms
- Melting-on-touch (**SOFTISAN® 378**)
- Smooth gliding sensory (**MIGLYOL® T-C7**)
- Long-lasting comfort
- For workout, work and holiday
- Genderfluid concept
- NOC 1 (ISO 16128)



Comforting Anti-Chafe Stick

No.
916

PHASE	TRADE NAME	INCI	%	FUNCTION
A	Kahlwax 2442L Carnauba ¹	Copernicia Cerifera Cera	8.0	Wax, Melting Point (MP) 82 – 86 °C
A	Glyceryl Behenate	Glyceryl Behenate	1.0	Solid Lipid, MP 65 – 77 °C
A	Kahlwax 2039L Candelilla ¹	Euphorbia Cerifera Cera	7.0	Wax, MP 68 – 73 °C
A	DYNASAN® CrystalCONTROL L²	Polyglyceryl-3 Tetrastearate	5.0	Solid Lipid, MP 58 – 64 °C, Prevents Blooming
A	SOFTISAN® 378²	Caprylic/Capric/Myristic / Stearic Triglyceride	15.0	Melting-on-Touch Emollient, MP ≈ 39 °C
A	WITARIX® MCT 60/40²	Caprylic/Capric Triglyceride	24.0	Reliable Emollient
A	MIGLYOL® T-C7²	Triheptanoin	34.0	Smooth Gliding Emollient
A	Cosphaderm® T-70 Non Gmo Eco ³	Tocopherol (and) Helianthus Annuus Seed Oil	0.5	Anti-Oxidant
A	SOFTISAN® GC8²	Glyceryl Caprylate	0.5	Alternative Preservative
B	Tapioca natural 9096 ⁴	Tapioca Starch	5.0	Sensory Modifier

Suppliers: ¹ Kahl, ² IOI Oleo, ³ Cosphatec, ⁴ Agrana

PROCESS

Mix phase A and heat to 80 °C. Add phase B to phase A at 80 °C while stirring. Cool down to 50-55 °C and fill into packaging. Allow to cool and harden at room temperature.

Natural
Origin
Content
(ISO 16128)
100%



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