



IOI OLEOCHEMICAL



### FORMULA DATA

**Appearance:** White viscous emulsion

**pH (RT):** N/A

**Viscosity (RT):** 25000 mPa.s  
(DV1RV, sp. TC 93,  
10 rpm, 30s)

**Stability test:** Passed  
(3 months @ RT & 40°C,  
1 month @ 50°C)

## Recovery Cream-to-Balm

- W/O restorative emulsion
- Transforms into a comforting balm
- Nourishes & soothes stressed skin
- Award-winning **SOFTISAN® 650** naturally protects the skin barrier
- Cocoon sensory, ideal to massage irritated skin
- Genderfluid concept
- Vegan & NOC 0.95 (ISO 16128)



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V1.0

# Recovery Cream-to-Balm

No.  
001H

PHASE	TRADE NAME	INCI	%	FUNCTION
A	IMWITOR® 600	Polyglyceryl-3 Polyricinoleate	6.00	Naturally Soft W/O Emulsifier
A	IMWITOR® PG3 DIS	Polyglyceryl-3 Diisostearate	3.00	Naturally Gentle W/O Co-Emulsifier
A	SOFTISAN® 650	Polyglyceryl-3 Azelate/Caprate/Caprylate/Stearate Crosspolymer	2.00	Naturally Light Film Former, Skin Barrier Protecting
A	WITARIX® MCT C8	Tricaprylin	8.00	Sensory Transformer, Rich-to-Light Emollient
A	WITARIX® MCT 60/40	Caprylic/Capric Triglyceride	11.00	Multi-Purpose, Cost Effective, Reliable, Medium Spreading Emollient
A	SOFTISAN® 378	Caprylic/Capric/Myristic/Stearic Triglyceride	5.00	Melt-on-Touch Emollient
A	Kahlwax 2039L Candelilla Wax <sup>2</sup>	Euphorbia Cerifera Cera	1.00	Wax, MP 68-73°C
A1	HDK H18 <sup>3</sup>	Silica Dimethyl Silylate	1.50	Sensory Modifier
B	Zink Sulfate Heptahydrate <sup>4</sup>	Zinc Sulfate	1.20	Stabilizing Agent
B	Water demin.	Aqua	54.70	Solvent
B	Glycerin <sup>8</sup>	Glycerin	3.00	Humectant
B	Euxyl® PE 9010 <sup>5</sup>	Phenoxyethanol (and) Ethylhexylglycerin	1.10	Preservative
B	D-Panthenol 75% <sup>6</sup>	Panthenol (and) Aqua	1.00	Pro-Vitamin B5, Hydrating and Soothing Active
B	Cosphaderm® Hyaluronate High <sup>7</sup>	Hyaluronic Acid	0.50	Hydrating Active
B	Centella Asiatica GW <sup>9</sup>	Glycerin (and) Centella Asiatica Extract (and) Aqua	1.00	Soothing Active

Suppliers: IOI Oleo GmbH, <sup>2</sup>Kahl, <sup>3</sup>Wacker, <sup>4</sup>Roth, <sup>5</sup>Ashland, <sup>6</sup>Alexmo cosmetics GmbH, <sup>7</sup>Cosphatec, <sup>8</sup>Louis Dreyfus

## PROCESS

1. Weigh phase A and heat to 80°C.
2. Weigh phase B and heat to 80°C.
3. Add phase A1 to phase A under high stirring.
4. Add phase B slowly to phase A while homogenizing @ 8000 rpm.
5. Stir and cool to room temperature.



> 95 %



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