

WorléeMicromer Eco 100/10-L1

Clean Beauty producers watch out! Our novel liquid acrylic film former consisting of natural, renewable raw materials is based on state-of-the-art technology and comes without critical ingredients.

Your benefits at a glance:

- ✓ Suitable for solutions not containing EO and sulfate surfactants
- ✓ Increase of the natural origin content of your formulations
- ✓ Does not contain preservatives
- ✓ Fast drying and flexible long-lasting film former
- ✓ Water resistance and rub-off resistant
- ✓ Non-Tacky and smooth feel
- ✓ Good film integrity
- ✓ Easy to incorporate as low viscous liquid
- ✓ Cold and hot processable

About WorléeMicromer Eco 100/10-L1

Worlée**Micromer Eco 100/10-L1** is our novel liquid acrylic film former consisting of natural, renewable raw materials with excellent durability and application properties. Its composition is based on state-of-the-art technology and comes without critical ingredients and therefore meets numerous Clean Beauty guidelines.

Worlée**Micromer Eco 100/10-L1** does not contain a preservative due to the low pH value, as there is a low risk of microbial contamination during production and/or intended use according to ISO DIN EN ISO 29621:2011.

Ingredients	Function
Acrylic Acid/Isobutyl Acrylate/Isobornyl Acrylate Copolymer	Film Former
Aqua	Solvent
Disodium 2-Sulfolaurate	Excipient
Coco-Glucoside	Excipient
Sodium Methyl 2-Sulfolaurate	Excipient

	WorléeMicromer Eco 100/10-L1
INCI	Acrylic Acid/Isobutyl Acrylate/Isobornyl Acrylate Copolymer
Dry residue	49 - 51%
pH Value	1.7 - 2.5
NOC* (incl. Water, ISO 16128)	80%
NOC (Polymer, ISO 16128)	63%
Viscosity	< 1,000 mPas
Residual monomer content	< 50 ppm
Glass transition temperature (T _g)	14°C



Skin Care



Lip Color
and Care



Color
Cosmetics

Formulation

MagicLashes Mascara

This mascara creates magic lashes due to its special hold, which is provided by Worlée **Micromer Eco 100/10-L1**. Thanks to nourishing Worlée **Jojoba Oil** lite, the lashes are supplied with extra moisture. The production of the mascara is conceivably simple thanks to the pre-dispersed pigments in the Worlée **Base AQ** which ensures an even color application. According to ISO 16128 the formulation achieves a NOC of >91.5%.

COLOR COSMETICS | EYE MAKE-UP
RR-05-45-00

Phase	Ingredient	INCI (EU)	Supplier	%
A	Water	Aqua	/	46.25
A	Bentone Hydroclay™ 2000	Hectorite	Elementis	1.00
A	Glycerin	Glycerin	div	2.00
A	Geogard® 111S	Sodium Dehydroacetate	Arxada AG	0.60
A	Worlée Base AQ 77499/1	Aqua, CI 77499, Methylpropanediol, Ammonium Acrylates Copolymer, Dimethicone, Caprylyl Glycol, Phenylpropanol, Sodium Acrylates Copolymer	Worlée-Chemie GmbH	20.00
B	Tego® Care PBS 6	Polyglyceryl-6 Stearate	Evonik Nutrition & Care GmbH	4.00
B	KahlWax 2442L	Copernicia Cerifera (Carnauba) Wax	KahlWax GmbH & Co.KG	1.50
B	KahlWax 2225 Phyto Wax	Helianthus Annuus Seed Cera, Olea Europaea Oil Unsaponifiables, Rhus Verniciflua Peel Cera, Shorea Robusta Resin	KahlWax GmbH & Co.KG	3.00
B	Rice Bran Wax refined	Oryza Sativa (Rice) Bran Wax	TER HELL & Co. GmbH	1.00
B	Lanette® O	Cetearyl Alcohol	BASF Personal Care and Nutrition GmbH	1.50
B	Worlée Jojoba Oil Lite	Simmondsia Chinensis Seed Oil	Worlée-Chemie GmbH	1.50
B	Sunflower Oil	Helianthus Annuus Seed Oil	div.	1.00
C	Worlée Micromer Eco 100/10-L1	Acrylic Acid/Isobutyl Acrylate/Isobornyl Acrylate Copolymer, Aqua, Disodium 2-Sulfolaurate, Coco Glucoside, Sodium Methyl 2-Sulfolaurate	Worlée-Chemie GmbH	15.00
C	DL- α -Tocopherol	Tocopherol	DSM	0.05
C	D-Panthenol 75W	Panthenol	BASF Personal Care and Nutrition GmbH	0.20
C	L-Arginine C-Grade	Arginine	Rahn/Ajinomoto	0.40
C	VITACEL® CS 300 FC	Cellulose	JRS GmbH & Co. KG	1.00
Total:				100.00

United for a sustainable development



RESPONSIBLE CARE
 FOR A COMMITMENT TO SUSTAINABILITY



The values that guide our actions

We are committed to forward-looking and prudent environmental protection and to preventive and comprehensive occupational health and safety as a corporate goal.

We are convinced, that the natural goods of water, air, and soil must be treated carefully as a part of our responsible business practices. In this way, the ecosystem in which we live can be preserved as the basis of life for future generations as well. This particularly applies to the economical and efficient use of energy and natural resources.

We stand by our responsibility to provide safe and secure production, storage, and transport. We ensure that our products are handled conscientiously along the entire value-added chain.

What makes WorléeMicromer Eco 100/10-L1 so sustainable?



80% Natural Origin Content acc. to ISO 16128



Not affected by the restriction on microplastics when used as intended as a film former



Vegan



GMO-free



Cruelty free

Let's work together!

You are interested and need further information?
Feel free to contact us.

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