

## Starting point formulation – Pickering emulsion with perfume oil

Surfactant-free pickering emulsion – utilizing LAPONITE-EP

### Formulation

Position	Component	Supplier	Function	Weight (g)
1	Demineralized water		Solvent	78.75
2	Sodium chloride (NaCl)	Multiple	Electrolyte	0.05
3	LAPONITE-EP (100%)	BYK	Emulsifier	1.20
4	Perfume oil Lemongreen EOH (100%)	FREY & LAU	Perfume	20.00
<b>Total</b>				<b>100.00</b>

### Instructions

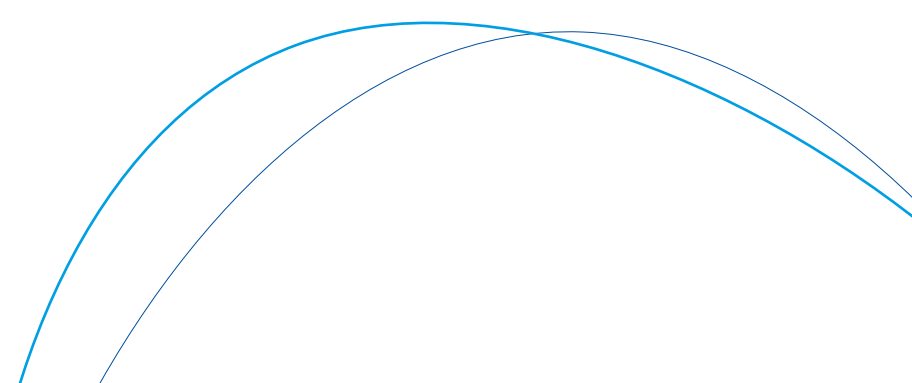
- Mix water and sodium chloride with a homogenizer at 1500 rpm.
- Weigh the perfume oil and the LAPONITE-EP into separate containers.

Turn off the homogenizer and carry out each of the following steps in immediate succession:

- Add the oil and the LAPONITE-EP.
- Stir the mixture for 10 min at 10,000 rpm.

Allow the formulation to cool and fill in the desired bottle.

The formulation is a low viscous fluid and develops a very soft thixotropic behavior within a few hours.



## Characteristic data /specification

Data	Unit	Value
LAPONITE content	%	1.20
Perfume oil content	%	20.00
Ratio oil : LAPONITE	%	100.00 : 6.00

### Further information /application

- The oil emulsion is designed to be used as it is.



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This issue replaces all previous versions.

