



EmulGreen

for lean & green high-performance emulsions.

GC3
May 7th, 2019

the problem

Today's emulsifier market is...



~ **70 %** based on **petroleum**

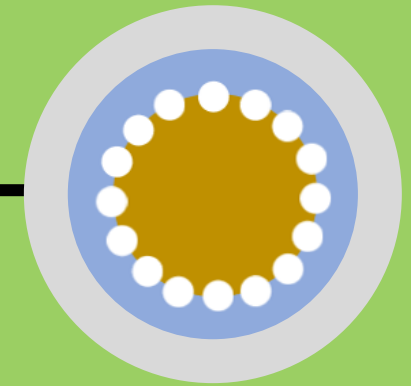
- CO₂ emissions
- toxicity to aquatic life
- severe health issues for humans

~ **30 %** based on **palm oil**

- deforestation
- CO₂ emissions
- killing of endangered species



our solution



our feedstock



native
starch



native
cellulose

our synthesis



water as
a solvent



ambient
temperature

our emulsifiers



non-toxic



biodegradable



mild to the skin

current market offer

palm oil emulsifiers

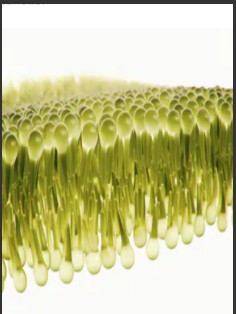


up to \$ 15 per kg

limited performance

unsustainable

truly sustainable emulsifiers



up to \$ 600 per kg

limited performance

not suitable for mass production

our market offer

stronger performance

5-10 times less emulsifier

longer shelf life, PAO



leaner formulation

emulsifier

co-stabilizer

thickener



all-in-one

at a competitive price

\$ 110 per kg-equivalent

our journey to the customer

- fully functional product samples
- \$ 40,000 initial funding
- external product validation
- patent application
- ... \$ 500,000 investment
- ... customer & partnership development
- ... lab scale → pilot production

\$ 0.4 m

in sales by Nov '20

\$ 1.2 m

in sales by Nov '21



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Get in touch with us!

Website: www.emul-green.com

E-mail: info@emul-green.com

Phone: +49 176 433-74626