

## **Supporting Information**

for

# Development and characterization of potential larvicidal nanoemulsions against *Aedes aegypti*

Jonatas L. Duarte, Leonardo Delello Di Filippo, Anna Eliza Maciel de Faria Mota Oliveira, Rafael Miguel Sábio, Gabriel Davi Marena, Tais Maria Bauab, Cristiane Duque, Vincent Corbel and Marlus Chorilli

Beilstein J. Nanotechnol. 2024, 15, 104–114. doi:10.3762/bjnano.15.10

### Additional details on experimental methods and results

License and Terms: This is a supporting information file under the terms of the Creative Commons Attribution License (https://creativecommons.org/ <u>licenses/by/4.0</u>). Please note that the reuse, redistribution and reproduction in particular requires that the author(s) and source are credited and that individual graphics may be subject to special legal provisions.

#### Material and methods

rHLB	Span 80 (g)	Tween 20 (g)	Terpene (g)	Water (g)	Total (g)
10	0.27	0.23	0.5	9	10
11	0.23	0.27	0.5	9	10
12	0.19	0.31	0.5	9	10
13	0.15	0.35	0.5	9	10
14	0.11	0.39	0.5	9	10
15	0.07	0.43	0.5	9	10
16	0.03	0.47	0.5	9	10
16.7		0.5	0.5	9	10

Table S1: Variations in surfactant fractions to obtain different values of HLB.

#### Results

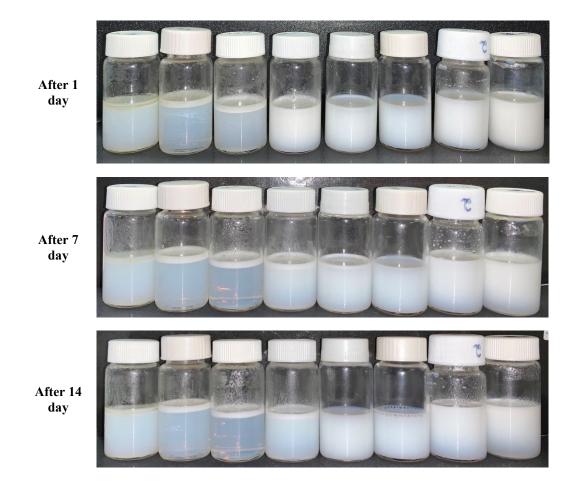


Figure S1: Visual appearance of Cym-NE on the HLB scale from 10 to 16.7.

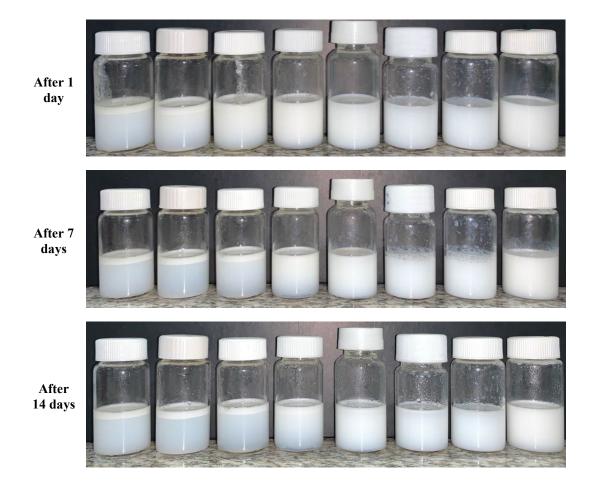


Figure 2: Visual appearance of Myr-NE on the HLB scale from 10 to 16.7.