













## Get Your Charge Away from Me!

TeachEngineering

Simulation

Demonstrate the fundamental properties of polar and non-polar molecules (such as water and oil), how they interact, and the affect surfactants have on their interactions.

Suggested Learning					
Time	30 : 00	Cost	0.00		
PreRequisites					
Requirements					
Skills		Focus	Level	Standard	Points
 Physics					178
 Troubleshooting					48
 Mathematics					48
 Teamwork					48
Total Skill Points					322
Knowledge Gain					
Show that oil and water differ in polarity and because of this difference they do not mix favorably, allowing water to form a phase-separated sphere in oil.					
Resource Link					
<a href="https://www.teachengineering.org/activities/view/usf_surfactants_act2">https://www.teachengineering.org/activities/view/usf_surfactants_act2</a>					

Skills Label <sup>TM</sup>

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