

<http://scienceline.ucsb.edu/getkey.php?key=4374>

Ethyl alcohol kills bacteria mainly through 2 mechanisms: protein denaturation and dissolving the lipid membrane.

Bacteria cell membranes are like water on the outside and like fat on the inside, so when you apply ethanol to a cell membrane, instead of all the parts of the membrane sticking together, they'll associate with the ethanol causing the membrane to fall apart.

<https://fr.wikipedia.org/wiki/Triclosan>

https://en.wikipedia.org/wiki/Bacterial_cell_structure

http://ec.europa.eu/health/scientific_committees/opinions_layman/triclosan/en/

https://en.wikipedia.org/wiki/Hand_sanitizer

<https://en.wikipedia.org/wiki/Triclosan>

<http://illumin.usc.edu/68/what-makes-antibacterial-soap-antibacterial/>

dossier de petnica de manon

<http://www.microbiologyresearch.org/docserver/fulltext/micro/23/1/mic-23-1-137.pdf?expires=1454942068&id=id&accname=guest&checksum=9DF1A0FF4300E53C7A0BA05557B8A10B>

<http://www.ncbi.nlm.nih.gov/pubmed/4576406>

<https://skeptoid.com/blog/2014/06/05/hand-washing-with-triclosan-are-we-getting-whitewashed/>

Triclosan is an effective antimicrobial treatment at the 2% concentration range.

Tweet links :

- <https://www.youtube.com/watch?v=j5jaHwuSuzo> ⇒ Video impact alcohol on membrane
- <http://illumin.usc.edu/68/what-makes-antibacterial-soap-antibacterial/> ⇒ antibacterial gel and Talk about Triclosan

SDS limite concentration :

<http://jb.asm.org/content/120/3/1158.full.pdf>

https://www.researchgate.net/figure/10725459_fig1_Fig-1-SDS-sensitivity-of-E-coli-tat-mutant-strains-MC4100-ELV16-D

SDS:

Effect of SDS treatment on Ultrastructure of E.coli

<http://www.ncbi.nlm.nih.gov/pmc/articles/PMC251356/>

Disaggregation of Bacterial Cell Walls by anionic detergents

<http://www.microbiologyresearch.org/docserver/fulltext/micro/23/1/mic-23-1-137.pdf?expires=1455094741&id=id&accname=guest&checksum=E8FDE28D338B8BD1035663174E867544>

Interaction between SDS and membrane aquaporins

<http://www.sciencedirect.com/science/article/pii/S0005273611001696>

Video :

Why you should stop using hand sanitizer <https://www.youtube.com/watch?v=NZ6RldO-SvE>

How does alcohol kill germs : <https://www.youtube.com/watch?v=I7Pjd9J7Hrg>

Resources pstation

<http://www.pedsforparents.com/general/103166/alcohol-in-household-products/>

http://cid.oxfordjournals.org/content/45/Supplement_2/S137.long

<http://www.chemir.com/soaps-vs-sanitizer.html>

http://microchemlab.com/information_about_hand_sanitizers

http://microchemlab.com/hand_sanitizer_testing_services