



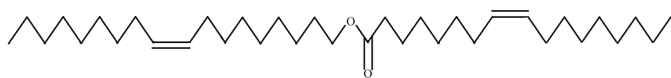
High Oleic Soybean Oil Hand Sanitizer

With the onset of COVID-19, Airable Research Lab is motivated to support our community during a time of uncertainty and stress. The importance of disinfection prompted our team to develop a hand sanitizer made from high oleic soybeans. Proper cleansing requires a two-pronged approach: destroying germs and keeping skin hydrated. Our sanitizer does both.

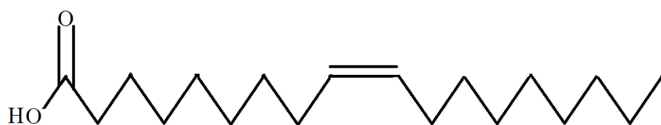
THE TECHNOLOGY

Our formulation uses alcohol to remove protective coatings from microbes, effectively killing them. Alcohol is the long-established active ingredient in hand sanitizers.

Where Airable's blend surpasses its competitors is in the use of high oleic soybean oil. Its emollient properties are derived from oleic acid, whose structure is very similar to the structure of the oils in our skin. The soybean oil is 60%-75% oleic acid, so sanitizers that contain high levels of the oil are also effective moisturizers.



Chemical Structure of Natural Skin Oil



Chemical Structure of Oleic Acid

THE BENEFITS

Performance: Traditional hand sanitizers are effective at killing bacteria, but their repeated use dries skin, causing microcracks that increase the chance for infection. Our sanitizer uses soybean oil that leaves the hands feeling soft and moisturized, even after frequent application. The moisturizing properties help prevent microcracks, maintaining the skin's resilience.

Cost-Effectiveness: Some producers have already recognized the importance of soft skin in fighting infection. Their hand sanitizers contain aloe vera gel and vitamin E, which are relatively costly ingredients. Aloe vera is difficult to process, entailing labor hours that whittle away profits. Soybean oil is a low-cost component that is easily extracted from an abundant source.

Marketability: As a result of the pandemic, global hand sanitizer consumption has spiked to nearly 70 million pounds a day. This escalation allows for innovation and invites new players in the market.

