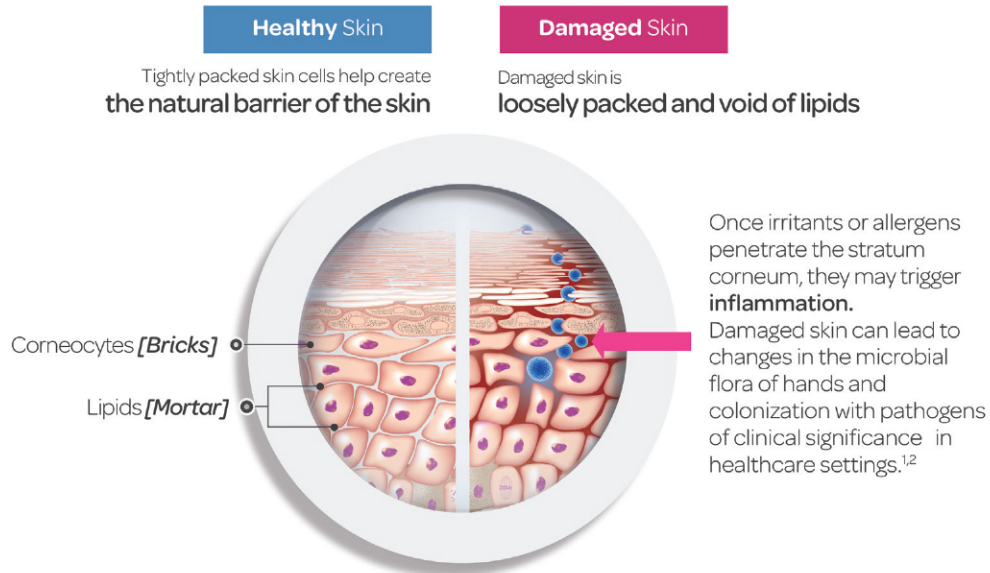


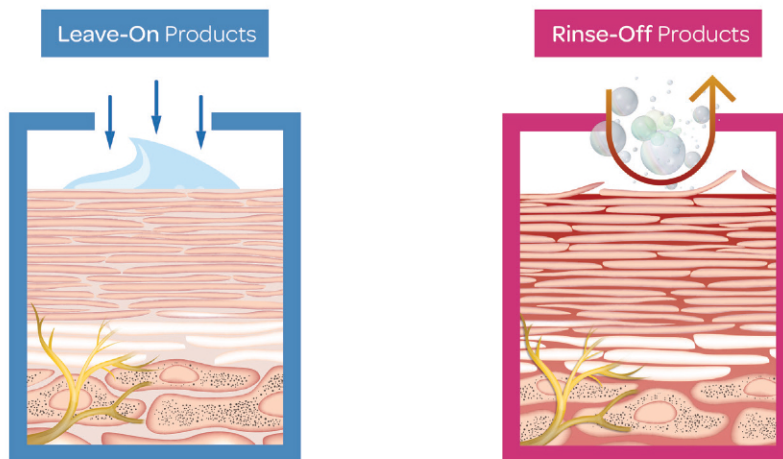
THE STRUCTURE OF THE STRATUM CORNEUM

The Stratum Corneum looks like a brick wall. The Bricks are the **Corneocytes** (dried out skin cells that are ready to be shed). The Mortar is the **Intercellular Matrix**, which is composed of lipids. This brick wall structure makes the skin impermeable to foreign invaders, such as irritants, allergens, and microorganisms.



IMPACT OF SANITIZER vs. SOAP

Using a properly formulated hand sanitizer and soap are essential for promoting the health of your skin.



Alcohol-based hand rubs are **leave-on** products and **do not physically remove skin lipids**. These products contain conditioners and emollients which can **benefit the skin**.

Hand washes are **rinse-off** products and by their very nature, **can reduce the skin's oils and lipids** creating pathways to deeper layers of the skin where nerve cells are located which leads to **potential nerve exposure**.