



Product Descriptions

Caring Hands Moisturizing Foaming Hand Sanitizer is formulated in compliance with the FDA Final Tentative Monograph for OTC Antiseptics, more commonly referred to as Hand Sanitizer. Our proprietary, non-drying formula is extremely effective at killing germs on your hands while being gentle on the skin's moisture barrier. Our formulation offers a unique combination of moisturizing and conditioning ingredients to soothe and hydrate dry, chapped skin and leaves hands feeling soft and moisturized.

We're proud to offer a safe and effective alternative to alcohol-based hand sanitizers. Caring Hands Moisturizing Foaming Hand Sanitizer not only sanitizes but moisturizes like a lotion.

Product Benefits

Our superior formulation offers protection from harmful viruses and germs, with the unique ability to leave hands feeling soft and silky. Our carefully sourced ingredients work synergistically to help improve skin health, as outlined below.

Benzalkonium Chloride (BZK)

- **Effective Germ Protection:** Benzalkonium chloride (BZK) can kill 99.9% of germs in as little as 15 seconds and provide a persistent, long-lasting antimicrobial effect for up to several hours without damaging the skin. This extended protection after the sanitizer has dried is a key difference from alcohol-based products, which stop killing germs once they evaporate.
- **Less drying:** BZK does not strip the skin's natural oils as much as alcohol in sanitizers, making it a better choice for those with dry or sensitive skin.
- **Persistent protection:** BZK can provide a longer-lasting antimicrobial effect compared to alcohol-based sanitizers, which may not require as frequent reapplication.
- **Non-flammable:** BZK-based sanitizers are not flammable, which is an important safety advantage over alcohol-based products.

Decyl Glucoside

- A mild, non-toxic, and biodegradable surfactant that is generally safe for ALL skin types, including sensitive skin
- Helps clean the skin of dirt and impurities
- Hydrates the skin
- Anti-aging properties due to its ability to wet the dermal layers and reduce wrinkles and fine lines



dI-Panthenol (Provitamin B5)

- A water-soluble compound that attracts and retains water in the skin, leaving it feeling soft and smooth
- Ability to improve the skin's barrier function by enhancing lipid synthesis and skin renewal
- Helps to lock in moisture and keep the skin hydrated
- Can improve skin texture and elasticity
- Helps to diminish the roughness, dryness, itching, redness, and scaling associated with certain skin conditions, such as eczema, contact dermatitis, and psoriasis

Glycerin

- A humectant that draws water from the air to hydrate the skin and forming a protective layer on the skin's surface that inhibits dryness
- Protects the skin from irritants and harmful microorganisms like bacteria and fungi by strengthening its protective moisture barrier
- Helps wounds heal faster by creating an environment that reduces the number of microbes in wounds, which can lead to improved healing
- Ability to help balance out skin tone
- Can temporarily tighten skin and reduce wrinkles

Hydroxyethyl cellulose (HEC)

- Derived from cellulose, a natural polymer found in plant cell walls used as a thickening agent, making products easier to apply
- Swells when mixed with water, which helps to retain moisture in the skin
- Forms a protective barrier on the skin that helps keep beneficial ingredients on the skin's surface for longer periods of time

Propanediol

- A humectant, which helps the skin retain moisture and reduces water loss and encourages moisture retention
- Assists in strengthening and repairing the skin's barrier by increasing ceramides
- An emollient capable of softening and soothing the skin

Sodium Hyaluronate

- An excellent humectant that draws moisture from the environment
- A form of hyaluronic acid with a low molecular weight, which means it can penetrate the skin more easily than traditional hyaluronic acid, and provide longer-lasting hydration
- Helps restore a healthy moisture barrier
- With the ability to bind moisture to the skin it can reduce dryness and flaking by increasing skin hydration



Comparisons And Benefits

Our Caring Hands Moisturizing Foaming Hand Sanitizer was formulated using Benzalkonium Chloride (BZK) as the active ingredient. Benzalkonium Chloride is a FDA approved active ingredient for OTC antiseptic rubs, such as hand sanitizer products. As an active ingredient, Benzalkonium Chloride offers certain advantages over alcohol-based products, including but not limited to:

Persistent Antibacterial Activity

In clinical studies, Hand Sanitizers with Benzalkonium Chloride as the active ingredient have demonstrated improvements in persistent antibacterial activity for the BZK formulation compared to ethanol-based formulation, indicating increased protection.

- *Bondurant S, McKinney T, Bondurant L, Fitzpatrick L. Evaluation of a benzalkonium chloride hand sanitizer in reducing transient Staphylococcus aureus bacterial skin contamination in health care workers. Am J Infect Control. 2020 May;48(5):522-526. doi: 10.1016/j.ajic.2019.08.030. Epub 2019 Oct 25. PMID: 31668935.*

Less Irritation

- Less likely to cause skin irritation or allergic reactions
- Gentle on Skin: Alcohol-free sanitizers are far less likely to dry or irritate delicate hands. Individuals, who are prone to skin issues like eczema, can benefit greatly from our gentle moisturizing formula.
 - *In a cross-sectional study, repeated use of alcohol-based hand sanitizers showed evidence of irritated skin, alcohol toxicity, rashes, and other adverse reactions with repeated use.*
 - <https://pmc.ncbi.nlm.nih.gov/articles/PMC10772474/>

Nurturing Ingredients

- Our Caring Hands Moisturizing Foam Hand Sanitizer contains skin-soothing components that promote overall skin health. (see Product Benefits for a list of some of these ingredients)

Non-flammable

- Safer to use, especially in certain environments such as hospitals using oxygen, daycare centers, adult living facilities, and more
- Alcohol-based hand sanitizers are highly flammable due to the high alcohol content and are classified as Class I Flammable Liquids. Class I Flammable Liquids are the most hazardous from a fire safety standpoint, thus requiring certain safety protocols

Not Intoxicating



- Not likely to be ingested or inhaled intentionally due to zero alcohol content
- Alcohol-based sanitizers are always denatured prior to being sold, which means that they poison the product so that it legally cannot be drunk or used as liquor.
- Alcohol-based sanitizers have been intentionally ingested and/or inhaled by people in attempts to achieve euphoria or a level of intoxication, which can lead to alcohol poisoning or even death.
 - *Cases of intentional ingestion*
 - [pmc.ncbi.nlm.nih.gov/articles/PMC3408316](https://pubmed.ncbi.nlm.nih.gov/articles/PMC3408316)

No Toxic Vapors

- Caring Hands foaming hand sanitizer is formulated with no fragrance or alcohol and is considered odorless
- Alcohol Sanitizers get sticky and give off a strong odor that worsens with time. Our alcohol-free formula will remain completely odorless for the entirety of its lifespan.
 - *On June 16, 2021, FDA warned that symptoms such as headache, nausea, and dizziness can occur after applying alcohol-based hand sanitizers to the skin. These symptoms are likely to have occurred because of vapors from the hand sanitizer.*
 - <https://www.fda.gov/drugs/fda-drug-safety-podcasts/fda-warns-vapors-alcohol-based-hand-sanitizers-can-have-side-effects>.

Trusted Source

- While many alcohol-based sanitizers on the market come from uncertain sources, our Caring Hands Moisturizing Hand Sanitizer—made with Benzalkonium Chloride (BZK)—is formulated exclusively in our FDA, GMP and OTC-certified manufacturing facility, ensuring the highest standards of safety and reliability.

Decreased Shipping Costs

- Caring Hands Moisturizing Foaming Hand Sanitizer is not classified as hazardous and does not have any shipping restrictions
- Alcohol-based products must be shipped as hazardous materials according to Federal Hazardous Materials Regulations. Shipments containing hazardous materials typically incur higher shipping costs averaging 30% more than alcohol-free products
- Shipping hazardous materials are generally limited to ground transportation

Flexible Storage

- Caring Hands Moisturizing Foaming Hand Sanitizer does not require special handling and can be stored safely at ambient temperatures
- Alcohol-based sanitizers can evaporate at room temperatures into an ignitable vapor, causing a fire or explosion
 - According to national fire regulations, hand sanitizer, classified as a flammable liquid due to its alcohol content, should be stored in a designated flammable liquids cabinet, away from heat sources, and in quantities limited by local fire codes. Generally, large quantities (over 10 gallons) require a specific storage permit and should be stored in a dedicated area with proper ventilation and fire suppression system.



USES

- As a hand sanitizer to kill germs and bacteria on the skin
- As a moisturizer for your hands and cuticles.

DIRECTIONS FOR USE

Pump a small amount of foam into palm of hand, rubbing hands together briskly until dry.

- **Healthcare**

- Hospitals
- Physician & Dentist Office
- Imaging Providers
- Infusion centers
- Laboratory testing facilities
- Birthing Centers
- Long term care facilities (rehabilitative and skilled nursing)

- **Hotels & Resorts**

- **Restaurants & Food Facilities**

- Food Care Workers & Staff
- Guest

- **Transportation**

- Airlines
- Trains
- Buses
- Ride-share

- **Education Facilities**

- University and College campuses
- Public & Private Schools
- Preschools and Day care centers

- **Sports Facilities**

- Professional
- Sports arenas, bowling alleys, skating rinks, amusement parks, shopping centers

- **Government**

- Municipalities, parks & recreation centers
- Government buildings

- **Military**

- Commissaries
- Medical Facilities
- Throughout base

- **Correctional Institutions**

- **Office Facilities**

- **Manufacturing**

- **Clean Room and Static-sensitive areas**

- **Sports arenas, bowling alleys, skating rinks, amusement parks, shopping centers**

APPEARANCE

Product Type Color

Odor pH

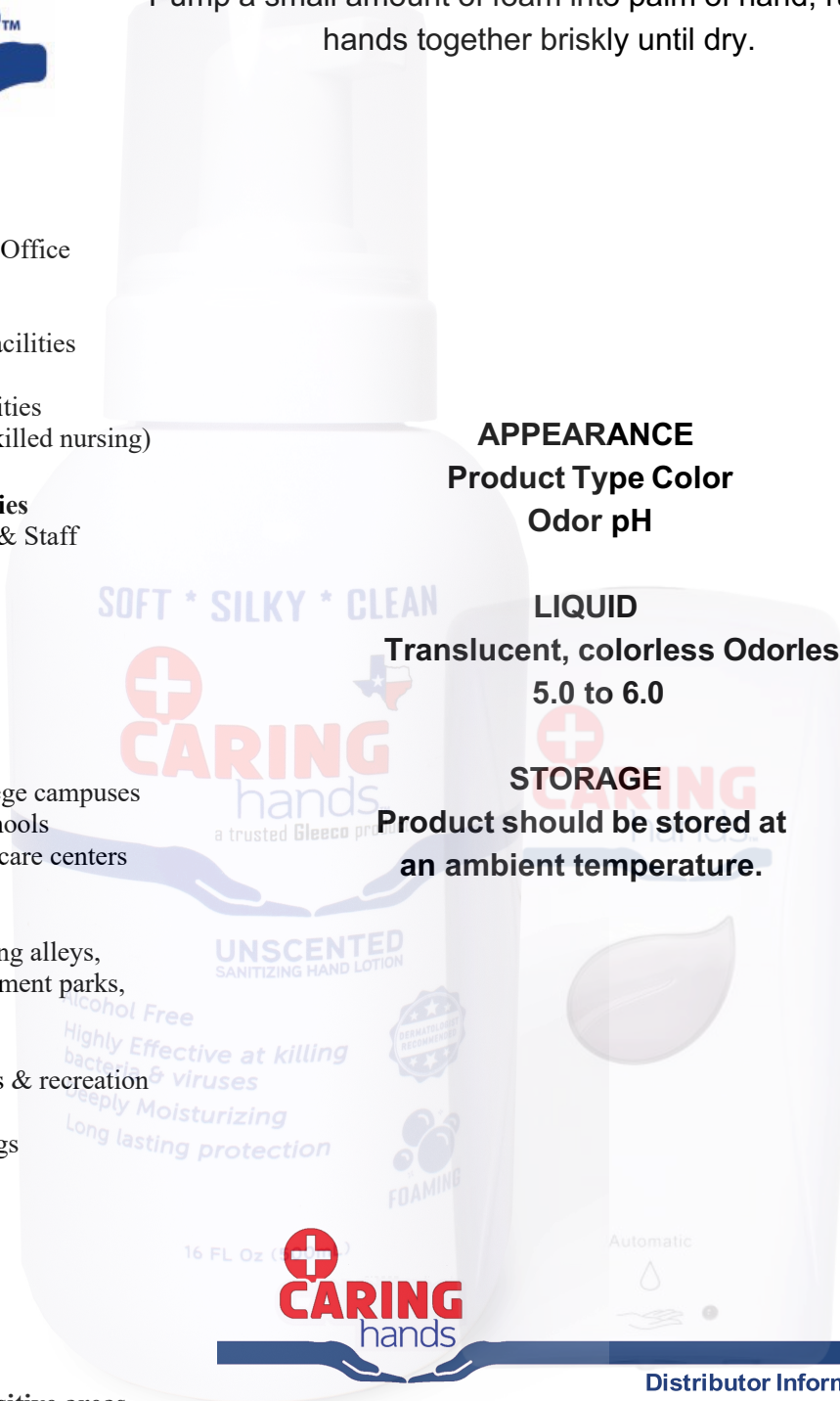
LIQUID

Translucent, colorless Odorless

5.0 to 6.0

STORAGE

Product should be stored at an ambient temperature.



Distributor Information