



TECHNICAL DATA FACT SHEET GS24

PRODUCT DESCRIPTION

A unique alcohol-free hand rinse foam. This product combines a proven and effective antiseptic agent, benzalkonium chloride, with the unique characteristics of the Goldshield technology to provide excellent killing action on bacteria, fungi and viruses, while offering a long-term residual protection for hours in the absence of hand washing. Additionally it moisturizers and will not deplete the natural oils in skin as alcohol does. It functions by attaching to the carbohydrates of skin that are polyhydroxylated, creating an invisible glove of protection.

Ingredients: Benzalkonium chloride; propylene glycol; purified water; trihydroxysilylpropyloctadecyldimethyl ammoniumchloride; methyl antranilate. .

BENEFITS:

- **Patent Pending**
- Goldshield 24 is a registered hand sanitizer and antiseptic at the FDA under OTC (Over-the-counter) Monograph drug program.
- Alcohol-free
- Non Flammable
- Rinse-free, no water necessary
- Kills 99.99% of disease causing germs in 15 seconds as an antiseptic
- Kill 99.99% of disease causing Fungi and viruses
- Non-irritating
- Safe for Children

- **Exceeds FDA requirements for persistence of activity** for healthcare workers and food handlers. Studies have shown that with one application Goldshield 24 continued to kill MRSA up to 24 hours.

OTHER FEATURES:

- Maintains skin integrity, and will not break down cell structure as alcohol-based products have been demonstrated to do.
- Safe to use in any environment, including planes
- Scientifically proven claims
- Convenient to use when soap and water are not available
- Rapidly sanitizes skin with broad spectrum kill that prevents development of resistant germs
- Patent Pending Formulation
- More effective than alcohol-based products
- Germ killing activity increases the more the product is used throughout the day.

SPECIFICATIONS:

Physical State	- Clear liquid / white foam
Appearance	- Clear to opaque white foam
Odor	- Slight fragrance
Specific Gravity	- Same as water
Solubility in Water	- Complete
pH	- 3.0-5.0
Freezing point	- 32°f or below

APPLICATIONS

Goldshield™ once a day or after washing hands with soap or detergents.

STORAGE AND HANDLING

Read the label and Material Safety and Data Sheet for complete handling information before using this product.

PACKAGING

Goldshield™24 is packaged in 1.72 oz.; 7.1 oz, gallons, 55 gal. drums, and 1000ml for wall dispensers and 275 disposable totes.

REMARKS

If you need assistance or information, please call AP Goldshield LLC 516.674.4085 or email: info@goldshieldtech.com

For Medical and Transportation Emergencies involving this product call CHEMTREC (24 hour response): number 800-262-8200.