

# Q Why is Deb InstantFOAM® better than the other hand sanitizers?

**FACT** Alcohol-based foam or gel are the primary options for workplace hand sanitizers. Gel format products have been offered for longer, however, Deb non-aerosol foaming hand sanitizer is innovative and has been proven to be better than gel.

Hand Print Photographs of Bacterial Colonies



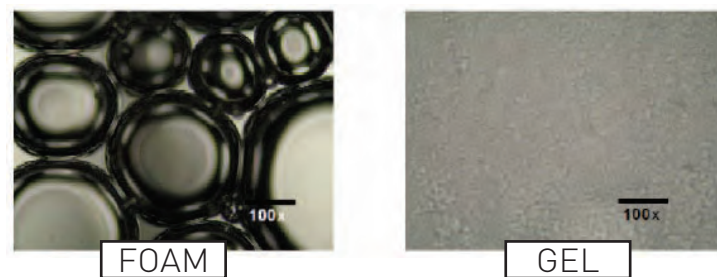
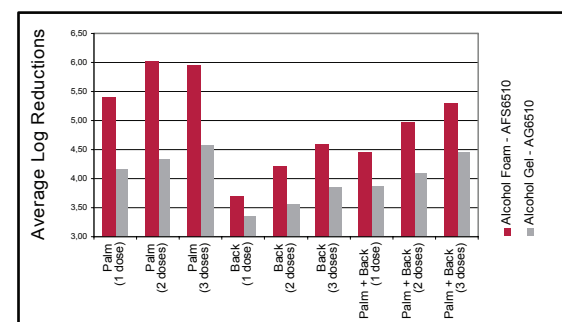
GEL: 1 DOSE      GEL: 2 DOSES      GEL: 3 DOSES



FOAM: 1 DOSE      FOAM: 2 DOSES      FOAM: 3 DOSES

> **More effective**  
In scientific tests by an independent laboratory, Deb InstantFOAM® has significantly greater bactericidal efficacy than the same product in gel form, **MORE THAN 10 TIMES BETTER** (Lens et al 2010).

Foam Vs. Gel Average Log Reduction Table



FOAM      GEL

> **Better spreadability**  
Foam spreads almost spontaneously versus gels due to the marble like structure of the foam bubbles and wettability of the liquid.

“ In terms of spreadability, the measurement of the contact angle indentified that even though the surface tension of the foam was very similar to gel, spreadability of foam is 3.6 times greater”.

(Lens et al 2010)

# Q Why should hand sanitizer be provided at work?

**FACT** Hands are the main vehicle for transmitting germs:



- “Some scientists estimate that **up to 80% of all infections** are transmitted by hands”. (D. John Jernigan, CDC 2008).
- International organizations recommend it:
  - > The World Health Organization (**WHO**) and Center for Disease Control (**CDC**) and European Centre for Disease Prevention and Control (ECDC) all recommend frequent hand washing and the use of alcohol-based hand rubs as the best method of preventing the spread of germs.

**The work environment and public facilities have many opportunities for germ transfer:**



- Hand to hand transactions including cash, service, greeting.
- Hand to surface - desktop, keyboard, phone, hand rails, elevator buttons, door handles.
- Germs transported from home - from other family members.
- 70% of people do not wash their hands at all or only use water after using the washroom in the workplace\*.
- Impact of germs being passed from worker to worker, often results in time off work.

\* Reference: Compliance to Good Hand Washing Procedures as Observed in Public Washrooms in the US, UK Australia and Japan - Knights et al. 1997; Hyde 2003; Buchtman 2002; ASM/SDA 2005; Gerba 2003; ASM/SDA 2007

# Q Is it cost effective?

**FACT** Good hand hygiene practices can save you money.



- 21 separate studies from around the world show that good hand hygiene practices can reduce illness, absence from work and associated costs on average **by around 40%\***
- It's a small cost to encourage proper hand hygiene for those who represent your biggest investment - your workforce.
- Typically providing hand sanitizer in your organization is **just a few cents** per person **a day**.

\* Copies held by Deb Group

# Q Will people use it and like it?

**FACT** When given a choice, in side-by-side trials, **84% of users indicate a preference for foam over gel.**

- More than **8.8 million applications** of Deb InstantFOAM® hand sanitizer are dispensed daily across the world.
- In addition, Deb InstantFOAM® is non-drying, it has been tested and proven it does not reduce skin hydration/moisture content through regular usage.
- Gel products contain polymer thickeners that can feel sticky and tend to build up on the skin when used frequently. Deb InstantFOAM® does not contain polymer thickeners and dries clean and clear with no residue.

# Q Does it work?



## FACT

- Deb InstantFOAM® has been extensively tested to/against the following rigorous international standards:
  - > **EN1500 (in 15 seconds):**  
In vivo test for evaluating germ reduction rate obtained with alcohol-based hand rubs.
  - > **EN1276:**  
Evaluation of bactericidal activity of chemical disinfectants and antiseptics used in food, industrial, domestic and institutional areas.
  - > **EN1275:**  
Chemical disinfectants and antiseptic fungicidal activity.
  - > **ASTM E2315-3:**  
Standard for assessment of Antimicrobial Activity (using a time kill procedure).
  - > **ASTM E1838-02:**  
Standard test method for determining the virus-eliminating effectiveness of liquid hygienic handwash and handrub agents using fingerpads of adult volunteers.
  - > **ASTM E1052:**  
Standard test method for efficacy of antimicrobial agents against viruses in suspension.

- Deb InstantFOAM® has the following credentials:
  - > US FDA Registered
  - > NPN (Natural Product Number) - approved to be marketed under the Natural Health Products Regulations by Health Canada.
  - > NSF E-3 Registered
  - > Listed by CFIA
  - > Listed by NHS Supply Chain - England
  - > Listed by Welsh Health Supplies
  - > Listed by Scottish Health Supplies
  - > Listed by The National Serum Institute: Advice and recommendations - disinfection within the healthcare sector - Denmark
  - > NZSFA - New Zealand Food Safety Authority approval - Australia & New Zealand
  - > VAH Certified - Germany
  - > SFHH Listed - France

# Q Who else is using it?

## FACT

Across the world, organizations that use Deb InstantFOAM® include those from the following sectors:

- >> Banks
- >> Financial Institutions
- >> Airports
- >> Press & Media
- >> Retail & Shopping
- >> Manufacturing
- >> Aerospace
- >> Hospitals
- >> Food Manufacturing Facilities
- >> Restaurants and Catering Outlets
- >> Police Services
- >> Prison Services
- >> Fire and Rescue Services
- >> Ambulance and Paramedic Services
- >> Government Organizations
- >> Military
- >> Theme Parks
- >> Professional Services
- >> Business Services
- >> Community Care
- >> Social Care
- >> Pharmaceutical/Cosmetics
- >> Automotive
- >> Utilities
- >> Leisure and Tourism
- >> Cruise Ships
- >> Universities and Colleges
- >> Schools and Nurseries
- >> Telecommunications
- >> Electronics
- >> IT
- >> Logistics and Transport
- >> Energy

# InstantFOAM® hand sanitizer



## Q & FACTS

Why we think it's the BEST  
hand sanitizer in the world  
**THE EVIDENCE**



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