



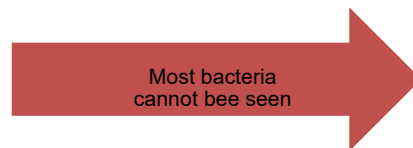
The Risks of Using Bulk Soap Dispensers

January, 2016

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Bulk Soap Dispensers

Bulk soap dispensers are widely used in many environments as a cost effective means for providing users soap for washing their hands. Studies have shown that bulk soap (soap in large containers designed to be poured into universal soap dispensers) are susceptible to bacterial contamination.



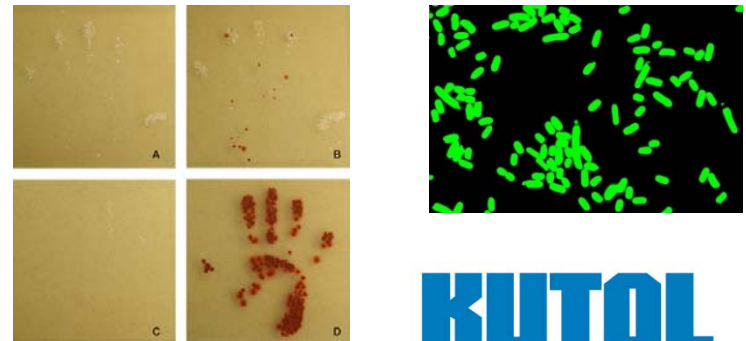
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The Result...

- Independent tests show that bacteria transfers to hands after hand washing with contaminated bulk soap**
- Bulk dispensers tested in previous studies showed at least 20 – 25% of the dispensers were contaminated**
- Illness risk - typical pathogens from contaminated soap can cause respiratory, blood and skin infections as well as others.
- After 1 year of sealed soap dispensing used in buildings tested, soap dispensed was confirmed to be contamination free**

** Applied and Environmental Microbiology, accepted manuscript posted online 18 March 2011, doi:10.1128 / AEM.02632-10 Appl. Environ. Microbiol. May 2011 vol.77 no. 9 2898 - 2904



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Why The Risk?

- **Lack of proper dispenser cleaning and cleaning frequency**
 - Proper cleaning includes cleaning with a disinfecting solution and air drying (completely dry)
 - Dispenser continues to harbor bacteria in a damp environment
- **Refilling contamination**
 - New soap can be contaminated as it is introduced to contaminated soap
- **Open dispenser design**
 - Unprotected soap allows access of soap to all users
 - Open environment

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Regulatory Agency Position

Center for Disease Control



- - E. Do not add soap to a partially empty soap dispenser. This practice of “topping off” dispensers can lead to bacterial contamination of soap (IA) (187,419).

The World Health Organization



- Reusable bottles should never be refilled until they have been completely emptied and then cleansed and disinfected....If reusable reservoirs have to be used, they should be cleaned and disinfected according to the instructions in Section 12...

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Kutol Solutions... Wall Mount

- Kutol Designer Series & EZ Foam wall mount dispensers
 - Disposable sealed refill bags eliminates contamination
 - Discard when empty and replace with a fresh refill bag
 - Manual and no touch versions available
 - Cost effective vs. liquid systems



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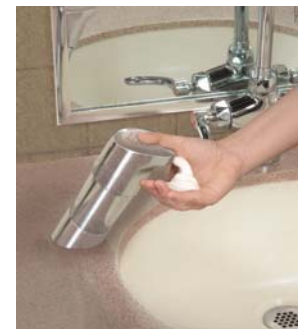
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Kutol Solutions...Counter Mount

- Kutol Counter Mount Dispensers
 - Disposable sealed refill bags **ONLY** fits Kutol Counter Mount docking station
 - “Closed” system eliminates soap contamination
 - Saves time and money from removing ADA panels
 - Manual only. No Touch version
 - Available in black and chrome



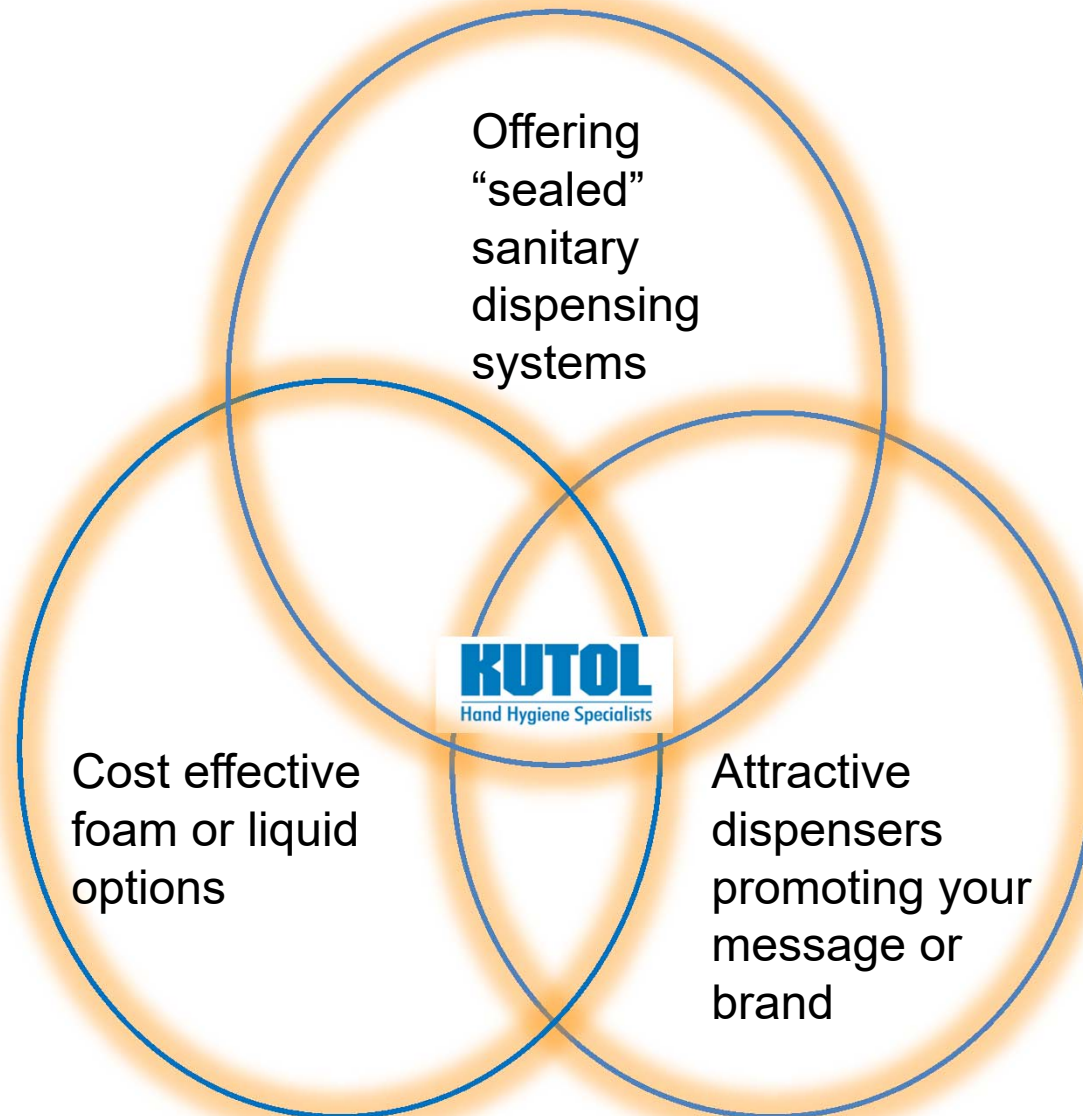
COMING SOON



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