



OPS[®] INSTANT Hand Sanitizer

The Fecal / Oral Chain of Transmission Of Viral Gastrointestinal Illness In Any Correctional Facility

1. How does a Virus enter the Facility?

Viruses are carried by New Inmates, Visitors, Staff and Officers into the building every day.

2. How are Gastrointestinal viruses Transmitted?

- Step 1: They are most commonly transmitted from one person to potentially hundreds via the "Fecal / Oral Mode of Transmission". In other words, after an infected person goes to the restroom, his hands are contaminated with millions of the Germs that is in his system. A thorough hand washing at this point would break the "Chain of Transmission" provided that the person who uses the sink next turns the faucets off with a disposable towel since the on /off sink knobs could be contaminated. (It has been documented that less than 50% of Males wash their hands after using the restroom.)
- Step 2: The infected Inmate then goes on his way to Breakfast, Lunch or Dinner. On his way he shakes hands with any number of Inmates. He also touches a railing, door or any other like object, thereby contaminating the object.
- Step 3: In the instance of physical contact, the Virus can be transmitted from hand to hand or hand to object to hand, however, at this point these additional inmates can possibly transmit the disease, they are contaminated, not yet infected since the virus has not yet been ingested.
- Step 4: When the contaminated Inmate(s) eat(s) there is a good chance that the virus will make their way from his hands into his mouth. The Fecal / Oral Route of Transmission is now complete.

Would quarantining infected Inmates be effective in stopping all other Inmates from being Infected?

NO. A person can transmit the gastrointestinal infection before he is symptomatic so the damage could already be done. For example, one person could easily infect 5, then the 5 could infect 25, the 25 could grow to 125 and so on. The infection is not limited to Inmates. Staff and Officers do get infected as well. They can then transmit to other Staff and the Virus could overtake the entire institution.

Why does the Food Service Department get blamed if it is not really a food issue?

Whether it is the Media or Family of Inmates, the Food Service Department is generally the first to have fingers pointed at since the Inmates will have severe stomach cramps, Nausea and diarrhea. The first thought after an outbreak is always some sort of food poisoning, not Inmate to Inmate Cross Contamination that lead to Infection.

How can the "Chain of Transmission" be Broken if Inmates cannot be trusted to use proper Restroom Hygiene?

The most reliable way to break the Chain has been demonstrated by the Cruise Ships. They have found that by having the passengers use an Instant Hand Sanitizer just before entering any buffet line or restaurant the level of transmission of Viruses such as the Norwalk / Noro Virus drops dramatically. The good Sanitizers have a 99.99% to 99.999% Reduction Factor of Germs. By reducing the Germs just before eating, it greatly reduces the risk of Cross Transmission therefore Cross Infection.

<p>OPS® Instant Hand Sanitizer is a Benzalkonium Chloride based product and is non-flammable, less drying to skin, and will not stain clothing. The efficacy of this product has been confirmed to reduce harmful bacteria by 99.99% in as little as 15 seconds</p> <p>USES For hand sanitizing to decrease bacteria on the skin. Recommended for repeated use.</p> <table border="1"> <thead> <tr> <th colspan="2">CAUTION & PRECAUTIONARY STATEMENTS</th> </tr> </thead> <tbody> <tr> <td>ACTIVE INGREDIENT Benzalkonium Chloride 0.1%</td> <td>PURPOSE Antimicrobial</td> </tr> <tr> <td colspan="2">WARNINGS For external use only. When using this product, avoid contact with eyes. In case of eye contact, flush eyes with water. Stop use and ask a doctor if irritation or redness develops, or if condition persists for more than 72 hours. Keep out of reach of children. If swallowed, get medical help or contact a Poison control Center right away.</td> </tr> <tr> <td colspan="2">INACTIVE INGREDIENTS: Water, dihydroxypropyl PEG-5, linoleammonium chloride, glycereth-2 cocoate, behentrimonium chloride, dihydroxyethyl cocamine oxide, fragrance.</td> </tr> </tbody> </table>	CAUTION & PRECAUTIONARY STATEMENTS		ACTIVE INGREDIENT Benzalkonium Chloride 0.1%	PURPOSE Antimicrobial	WARNINGS For external use only. When using this product, avoid contact with eyes. In case of eye contact, flush eyes with water. Stop use and ask a doctor if irritation or redness develops, or if condition persists for more than 72 hours. Keep out of reach of children. If swallowed, get medical help or contact a Poison control Center right away.		INACTIVE INGREDIENTS: Water, dihydroxypropyl PEG-5, linoleammonium chloride, glycereth-2 cocoate, behentrimonium chloride, dihydroxyethyl cocamine oxide, fragrance.		 <p>Instant HAND SANITIZER</p> <p><i>Confirmed to reduce harmful bacteria by 99.99% in as little as 15 seconds!</i></p> <p>ANTIBACTERIAL ALCOHOL FREE</p> <p>FOR USE THROUGH THE OPS BOXX® SYSTEM</p> <p>CAUTION: KEEP OUT OF REACH OF CHILDREN EYE IRRITANT See side panel for Precautions and Treatment Statements. NET CONTENTS: 1890 ML</p> 	<p>OPS® Instant Hand Sanitizer is a fast drying, non-sticky foam that contains unique non-drying, conditioning and moisturizing ingredients. It leaves the skin soft, refreshing and silky after feel, and does not contain polymer thickeners or silicones.</p> <p>DIRECTIONS</p> <ol style="list-style-type: none"> 1. Pump a small amount of OPS Instant Hand Sanitizer foam into palm of hand. 2. Rub thoroughly over all surfaces of both hands. 3. Rub hands together briskly until dry. <p>ARCHER MANUFACTURING DANVILLE, CALIFORNIA 94506 • Tel: 1-800-796-5545 Chemical Emergency # (800) 535-5053</p> <p>BSA</p> <p style="text-align: right;">04/27/07</p>
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