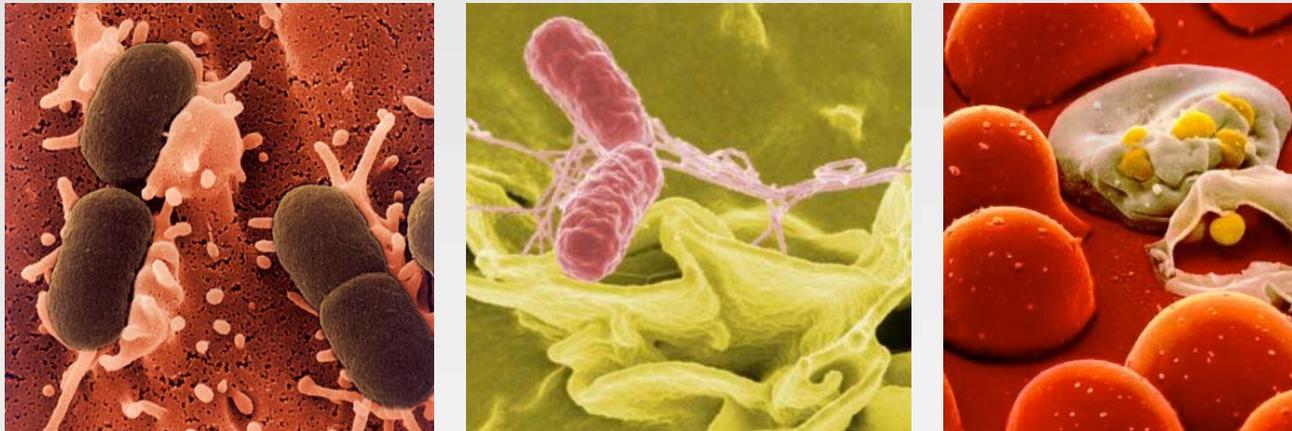


Bacterial and Viral Threat



Nisus Solution

Nisus DSV™ kills harmful germs, bacteria, fungi and viruses, including:

- *Campylobacter jejuni*
- *Candida albicans*
- *Corynebacterium ammoniagenes*
- *Enterobacter aerogenes*
- *Enterobacter cloacae*
- *Enterococcus faecalis*
- *Enterococcus faecium*
- *Escherichia coli*
- *Escherichia coli*
(antibiotic resistant)
- *Escherichia coli* 0157:H7
- *Legionella pneumophila*
- *Klebsiella pneumoniae*
- *Klebsiella pneumoniae*
(antibiotic resistant)
- *Listeria monocytogenes*
- *Proteus mirabilis*
- *Proteus vulgaris*



- *Pseudomonas aeruginosa*
- *Pseudomonas aeruginosa*
(antibiotic resistant)
- *Salmonella choleraesuis*
- *Salmonella typhi*
- *Serratia marcescens*
- *Shigella dysenteriae*
- *Shigella flexneri*
- *Shigella sonnei*
- *Staphylococcus aureus*
- *Staphylococcus aureus*
(Methicillin resistant)
- *Staphylococcus epidermidis*
- *Streptococcus pyogenes*
- *Trichophyton mentagrophytes*
- *Xanthomonas axonopodis* pv.
Citri
- *Xanthomonas campestris* pv.
Vesicatoria

Bacterial Threat: **Salmonella**

40,000 cases reported annually

Most common cause of food poisoning

400 persons die each year



Info CDC.gov Image; www.salmonellablog.com

Bacterial Threat: **Escherichia coli**

70,000 *E. coli* (O157) infections annually.

E. coli cannot be detected by sight, taste or smell.



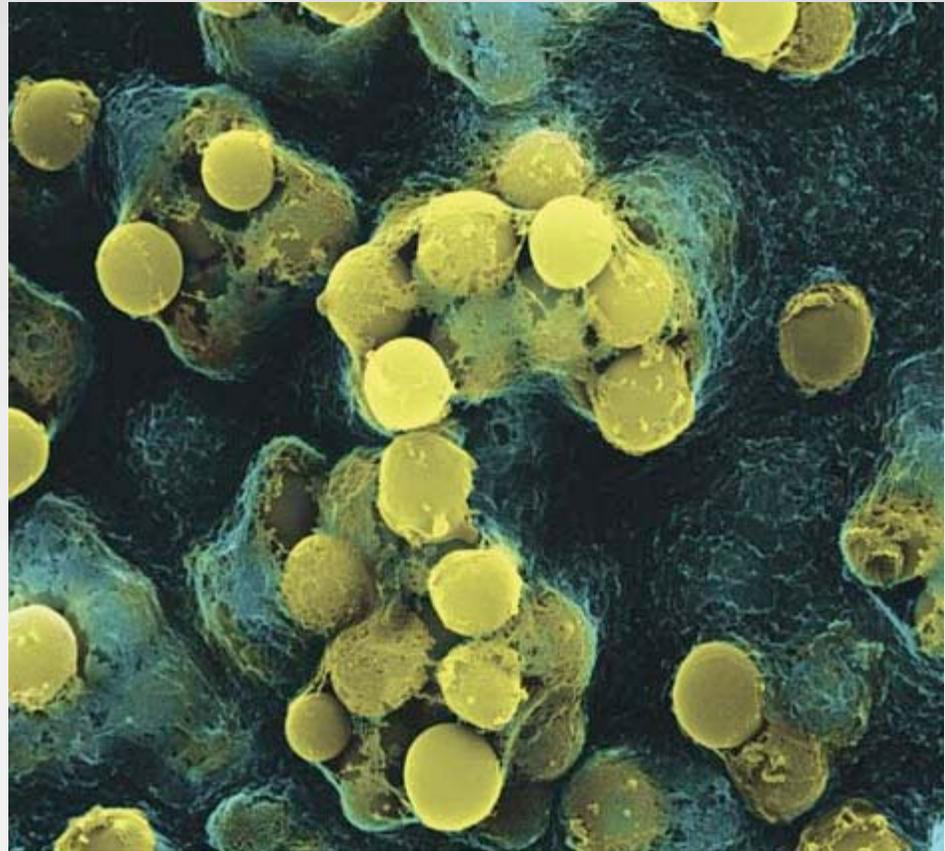
Info CDC.gov Image; www.foodsafetysupport.co.uk/escherichia

Bacterial Threat: **Streptococcus**

Group A *Streptococcus*: 10,000 cases annually resulting in more than 1,000 deaths.

STSS and necrotizing fasciitis each comprise an average of about 6%-7% of these invasive cases.

In contrast, there are **several million cases** of strep throat each year.



Info CDC.gov Image; www.dhpe.org

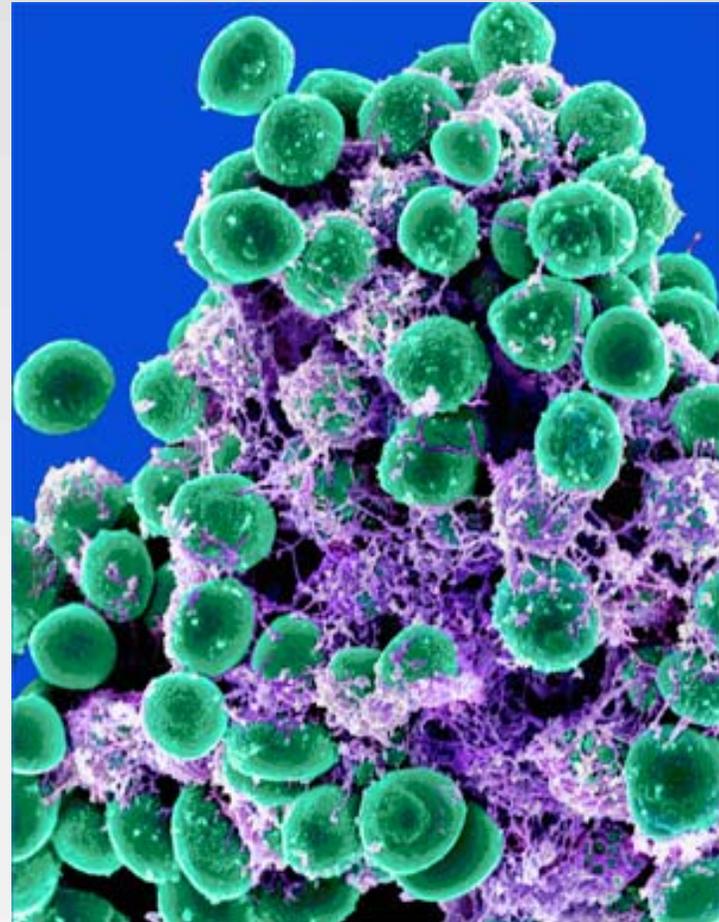
Bacterial Threat: **Staphylococcus & MRSA**

Methicillin-Resistant *Staphylococcus aureus* (MRSA), causes 94,000 life-threatening infections and nearly 19,000 deaths annually.

MRSA occurs most frequently in hospitals and healthcare facilities.

MRSA causes bloodstream infections, surgical site infections, or pneumonia.

Outbreaks have also occurred in schools.



Info CDC.gov / Image <http://www3.niaid.nih.gov>

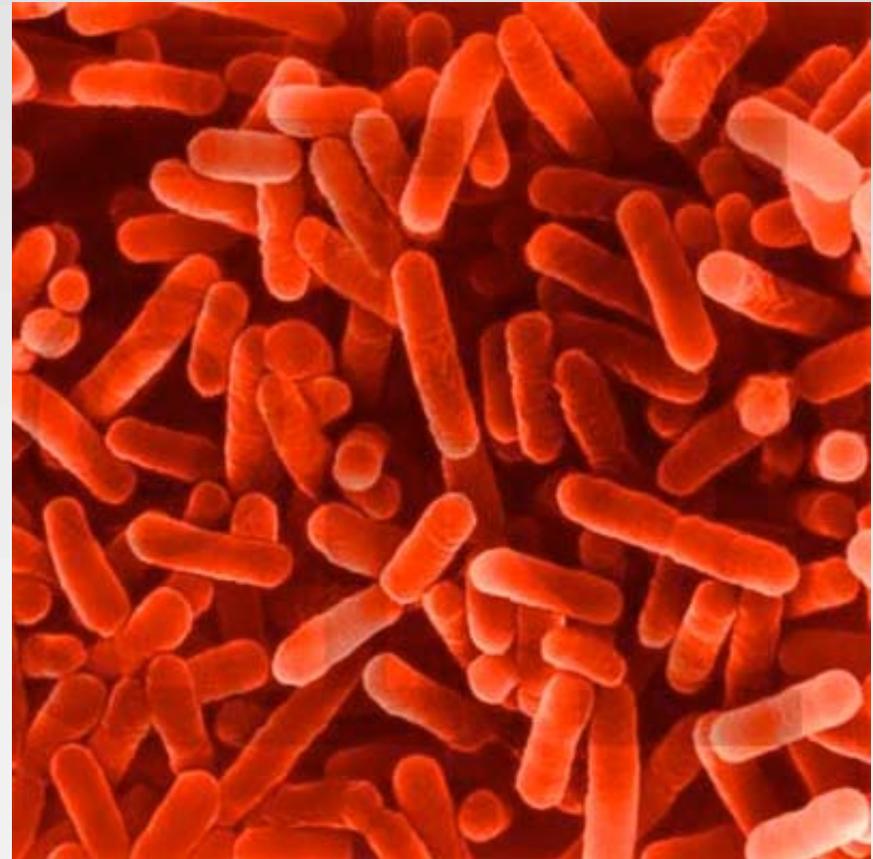
Bacterial Threat: *Legionella pneumophila*

Legionnaires' disease

Between 8,000 and 18,000 people are hospitalized with Legionnaires disease annually.

5% to 30% of cases result in death.

The *Legionella* bacteria are found naturally in the environment, usually in warm water.



Info CDC.gov Image; <http://www.bazeny-servis.cz/podstranky/hygiena.html>

Viral Threat: **Influenza (Flu, Bird Flu, Swine Flu etc)**

Two main risks to humans

- 1) Direct infection from infected people or animals.
- 2) If given enough opportunities, viruses will change into more infectious forms.

Half of those people reported infected with the Bird Flu have died.



Viral Threat: **HIV**

980,000 cases of AIDS have been reported to the CDC.

25% of infected individuals are not aware they are infected.

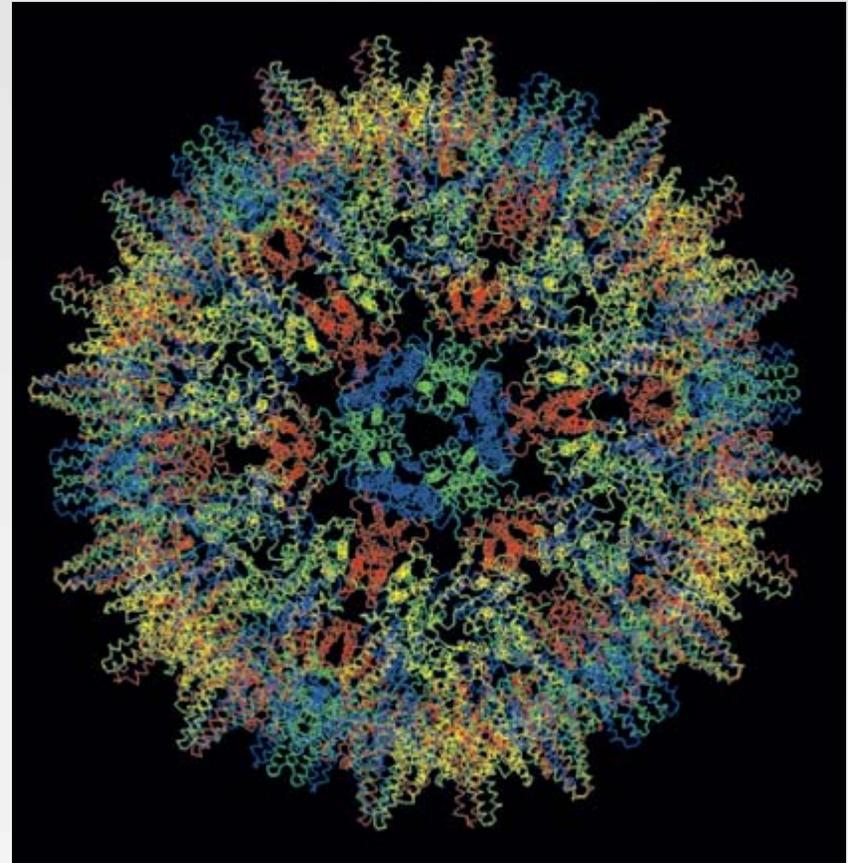


HIV-2 Virus. Reference: <http://www.csend.hu/magazin/0102/hiv2.jpg>

Viral Threat: Hepatitis B & C

Hepatitis B is a serious liver infection. Causes acute illness and can lead to chronic or lifelong infection, cirrhosis (scarring) of the liver, liver cancer, liver failure and death.

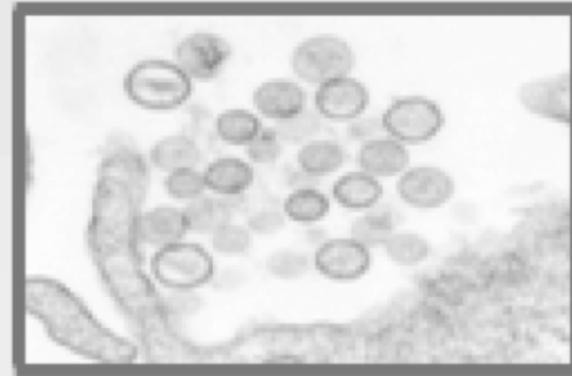
Hepatitis C is a liver disease. Causes a silent, chronic infection that can lead to cirrhosis (scarring), liver failure, liver cancer and death.



Info: CDC.gov image: www.whatsthe damnreference.com

Viral Threat: Hantavirus

- Hantavirus pulmonary syndrome (HPS) is a deadly disease transmitted by infected rodents through urine, droppings, or saliva.
- Humans can contract the disease when they breathe in aerosolized virus.



Pest Management Solution

Nisus DSV™

- Disinfectant
- Sanitizer
- Virucide



Always read the label before use. Note California restrictions.

Always...Always...

- Remember your PPE
 - Disposable coveralls
 - Rubber boots
 - Rubber gloves
 - Protective goggles

2 - 1 - 10

- 2 Ounces of DSV
- 1 Gallon of water
- Treat surface area and let stand for **10** minutes.
- **Remember 2-1-10**
- Can be sold to homeowners.



Where DSV Can Be Used

- Glass, metal, stainless steel, glazed porcelain, glazed ceramic, granite, marble, plastic, sealed limestone, sealed slate, sealed terra cotta, sealed terrazzo, chrome, vinyl.



Use DSV for Wheel Wash & Foot Baths



Nothing Protects Like DSV



Floors



Equipment



Animal Houses

Nisus DSV

Labeled for Use Virtually Everywhere

- Restaurants, Bars, Cafeterias, Commercial Kitchens, Fast Food, Food Storage Areas, Food Prep Areas
- USDA Food Processing Plants
- Hospitals, Nursing Homes, Labs, Clinics, Day Cares
- EMS, Fire & Police Facilities and Vehicles
- Hotels, Motels, Public Restrooms, Showers and Hot Tubs, Exercise Facilities, Tanning & Nail Salons
- Schools, Gyms, Locker Rooms, Play Equipment
- Veterinary Clinics, Kennels, Zoos, & Pet Shops

Add Disinfecting Service to Existing Accounts to Reduce Bacterial and Viral Threats

- 1 Gallon of DSV makes 64 Gallons of Solution
 - Wipe down phones, switches and door knobs.
 - Spray all bathroom fixtures and hard surfaces.
 - Wipe down tables and chairs (food surfaces require a fresh water rinse before use).
 - Use as a mop solution to disinfect floors.
 - Spray waste baskets, garbage bins & dumpsters.



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