



## Technical Data Sheet

### **FGI-300D, a clear sprayable solution to Clean and Kill\* dangerous pathogens**

FGI-300D a clear rinse free solution of antibacterial agents to kill\*, Coronavirus-Human, HIV, HCV & HBV and others from cleaned hard non-porous surfaces.

(\*refer to EPA N list)

**FGI-300D** is a spray or wipe-on clear solution that can be applied to any surface that will withstand short term exposure to a water based antibacterial product.

#### **Directions:**

FGI-300D is to used as received, do not dilute

FGI-300D sprays-on or Wipes-on wet and dries clear, surfaces need to remain wet for 10 minutes to achieve maximum effectiveness against microorganisms and odors that they can cause.

FGI-300D antibacterial agents are approved to be used in, medical offices, nursing homes, dentist offices, schools, rest rooms, veterinary clinics, non-food surfaces such as walls, floors, sinks tops, tables, chairs, telephones, bed frames, cabinets, handles & knobs, bathtub and shower surfaces, garbage cans and storage areas that bacteria can cause malodors.

Be sure surfaces are dry before touching or handling with bare skin.

Always use gloves when using this product, to prevent absorption into the skin. ---

FGI-300D is not to ingested in any manner.

FGI-300D Properties:

- Color \_\_\_\_\_ Clear
- Odor (liquid) \_\_\_\_\_ pleasant
- V.O.C. \_\_\_\_\_ no VOC
- RoHS \_\_\_\_\_ Compliant
- REACH \_\_\_\_\_ Compliant
- Halogens \_\_\_\_\_ None
- Re-coat \_\_\_\_\_ as needed or wanted

\*FIFRA Reg. No. 61178-5 (included on the EPA N list)

\*EPA Reg. No. 61178-5

- The FGI-300D's antimicrobial formulation Kills\* and disinfects surfaces from the following list of microorganisms. Effective even at a 98% soil load with a 10 minute exposure.

## **MICROORGANISM EFFECTIVE KILL LIST**

### **Human Viruses**

Adenovirus type 2

Cytomegalovirus

HBV (Hepatitis B Virus)

HCV (Hepatitis C Virus)

Herpes Simplex type 1 Virus

Herpes Simplex type 2 Virus

HIV-1 (AIDS Virus)

Human Coronavirus

Influenza A/Brazil Virus

InfluenzaA/Victoria(H3N2) Virus

Influenza A2-Asian Virus

Influenza B Virus (Allen strain)

Influenza C Virus (Taylor strain)

Measles Virus

Parainfluenza type 1

Poliovirus type 1 (Chat strain)

Respiratory Syncytial Virus

Rotavirus

Vaccinia Virus

### Non-Human Viruses

Avian Influenza/Turkey/ Wisconsin Virus  
Canine Coronavirus  
Canine Distemper Virus  
Canine Herpesvirus  
Equine Herpesvirus  
Equine Influenza  
Feline Calicivirus  
Norovirus  
Feline Infectious Peritonitis  
Infectious Bovin  
Rhinotracheitis (IBR)

Newcastle Disease Virus  
Porcine Parvovirus  
Porcine Respiratory &  
Reproductive Syndrome Virus (PRRSV)  
Porcine Rotavirus  
Pseudorabies Virus  
Transmissible Gastroenteritis (TGE)  
T1 bacteriophage  
T4 bacteriophage  
Vesicular Stomatitis Virus (VSV)  
Bovine. Viral Diarrhea Virus (BYDV)  
Avian Influenza Virus (H5N1)

### Isolates From AIDS Patients

Aspergillus niger  
Candida albicans  
Cryptococcus neoformans

Pseudomonas aeruginosa  
Staphylococcus aureus  
Streptococcus pneumoniae

### Gram Positive Clinical Isolates

Staphylococcus aureus (Toxic shock)  
Staphylococcus epidermidis  
Staphylococcus saprophyticus

Streptococcus haemolyticus  
Streptococcus pyogenes

### Gram Negative Clinical Isolates

Acinetobacter calcoaceticus var. anitratus  
Acinetobacter calcoaceticus var. lwoffii  
Bordetella bronchiseptica  
Brevundimonas diminuta  
Burkholderia cepacia  
Enterobacter agglomerans  
Enterobacter cloacae  
Enterobacter gergoviae  
Enterobacter liquefaciens  
Escherichia coli (Urinary)  
Escherichia coli (Wound)  
Flavobacterium meningosepticum  
Hafnia alvei

Klebsiella oxytoca  
Klebsiella pneumoniae  
Morganella morganii  
Proteus mirabilis  
Proteus vulgaris  
Pseudomonas aeruginosa  
Pseudomonas fluorescens  
Pseudomonas pseudomallei  
*Pseudomonas putida*  
*Pseudomonas stutzeri*  
*Serratia marcescens*  
*Sphingomonas paucimobilis*

### Other Bacteria

Actinobacillus pleuropneumoniae  
Actinomyces pyogenes  
Bacillus cereus  
Bacteroides fragilis  
Corynebacterium ammoniagenes,  
(Brevibacterium ammoniagenes)  
Bordetella bronchiseptica  
Burkholderia pickettii  
Campylobacter jejuni  
Chryseomonas luteola  
Corynebacterium pseudotuberculosis  
Enterobacter aerogenes  
Enterococcus faecalis  
Enterococcus faecium  
Enterococcus hirae  
Escherichia coli

Escherichia coli strain O157:H7  
Escherichia vulneris  
Haemophilus influenzae  
Klebsiella pneumoniae  
Listeria monocytogenes  
Pasteurella haemolyticus  
Pseudomonas aeruginosa  
Rhodococcus equi  
Salmonella enterica  
Salmonella schottmuelleri  
Salmonella typhi  
Shigella dysenteriae  
Staphylococcus aureus  
Staphylococcus auricularis  
Staphylococcus capitis  
Staphylococcus hominis

Staphylococcus simulans  
Stenotrophomonas maltophilia  
Streptococcus equi var. equi  
Streptococcus equi var. zooepidermicus

Streptococcus pneumoniae (PRSP)  
Streptococcus pyogenes  
Streptococcus salivarius  
Yersinia enterocolitica

### **Pathogenic Fungi**

Trichophyton mentagrophytes

### **Environmental Fungi**

Aspergillus candidus  
Aspergillus niger  
Penicillium chermesinum  
Penicillium oxalicum  
Penicillium spinulosum  
Ulocladium sp.

### **Antibiotic Resistant Gram Negative Bacteria**

*Pseudomonas aeruginosa* (Sulfa, Cefatoxime, Nitrofurantoin, Tetracycline, Amikacin, Ampicillin, Cephalothin and Bactine Resistant)  
*Escherichia coli* (Ampicillin, Tetracycline, Penicillin and Sulfa Resistant)  
*Klebsiella oxytoca* (Ampicillin, Sulfanilimide and Tetracycline Resistant)  
*Klebsiella pneumoniae* type 1 (Ampicillin, Tetracycline, Cephalothin and Sulfa Resistant)  
*Morganella morganii* (Penicillin and Tetracycline Resistant)  
*Enterobacter agglomerans* (Ampicillin and Sulfanilimide Resistant)  
*Salmonella* (Antibiotic Resistant)  
*Enterobacteriaceae with extended beta-lactamase resistance*  
(Ampicillin and Piperacillin Resistant)

### **Antibiotic Resistant Gram Positive Bacteria**

*Enterococcus faecalis* (Vancomycin Resistant-VRE)  
*Enterococcus faecium* (Vancomycin Resistant-VRE)  
*Staphylococcus aureus* (Methicillin-MRSA, Community Associated Methicillin Resistant CA-MRSA PVL Positive)  
*Staphylococcus aureus* (CA-MRSA Genotype USA 400)  
*Staphylococcus aureus* (Penicillin G, Penicillin, Ampicillin, Cefazolin, Cefatoxime, Chloramphenicol, Ciprofloxacin, Clindimycin, Erythromycin, Oxacillin, Rifampin, Tetracycline Resistant)  
*Staphylococcus aureus* (Vancomycin Resistant - VRSA)  
*Staphylococcus aureus* (Vancomycin Resistant Intermediate-VISA)  
*Staphylococcus epidermidis* (Ampicillin and Drug Resistant)

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