



# Detergent/Disinfectant Technical Data Sheet EPA Reg. No. 1839-83-56753

## - BRIEF DESCRIPTION -

*Conflikt Detergent Disinfectant is a pre-diluted, ready-to-use quaternary ammonium based disinfectant that exhibits antibacterial, antiviral, antifungal, mildewstat, and deodorizing capabilities. It is especially formulated with surfactants for cleaning and sanitizing inanimate hard surfaces – glass, plastics, stainless steel, ceramics, laminates, etc. Conflikt meets OSHA Bloodborne Pathogens Standard and approved by USDA.*

## - USE PROTOCOL -

Use Conflikt Detergent Disinfectant full strength to clean and sanitize areas where contamination is a problem: contaminated glass and plastic labware, bench tops, sinks, hoods, floors, walls, autoclaves, etc. The detergent base offers excellent cleaning and free-rinsing properties. An effective mildewstat, Conflikt may be used to clean walls and floors in humid, mildew-promoting environments – warehouses, production areas, etc. Conflikt Detergent Disinfectant has a pleasant fresh odor well tolerated in work areas.

## - ACTIVE INGREDIENTS -

n-Alkyl ( 60% C<sub>14</sub>, 30% C<sub>16</sub>, 5% C<sub>12</sub>, 5% C<sub>18</sub>) dimethyl benzyl ammonium chlorides.....0.105%  
n-Alkyl ( 68% C<sub>12</sub>, 32% C<sub>14</sub>) dimethyl ethylbenzyl ammonium chlorides .....0.105%  
Inert Ingredients .....99.790%

## - EFFICACY -

Efficacy tests have demonstrated that the Conflikt Detergent Disinfectant formulation is an effective bactericide, virucide, and fungicide in the presence of organic soil (5% blood serum).

**TUBERCULOCIDAL ACTIVITY.** Conflikt exhibits disinfectant efficacy against Mycobacterium tuberculosis BCG (*Mycobacterium bovis*) in 5 minutes at 20° Centigrade when used as directed on previously cleaned hard non-porous inanimate surfaces.

**VIRUCIDAL ACTIVITY.** Conflikt, when used on environmental, inanimate, non-porous surfaces, exhibits effective virucidal activity against:

- (10 minutes): Canine Parvovirus, Hepatitis A Virus (HAV), Poliovirus Type 1
- ( 5 minutes): Hepatitis B Virus (HBV), Hepatitis C virus (HCV), Bovine Viral Diarrhea Virus (BVDV)
- (2 minutes): Human Coronavirus, SARS associated Coronavirus, Avian Influenza A (strains H3N2 and H9N2) Kills pandemic 2009 H1N1 Influenza A virus
- (3 minutes): Paramyxovirus (Mumps), Rhinovirus type 39, Rotavirus
- (1 minute): HIV-1 (associated with AIDS)
- (30 seconds): Norovirus (Norwalk virus), Feline Calicivirus, Rabies virus

**BACTERICIDAL ACTIVITY.** When used as directed, Conflikt meets the requirements for hospital use and exhibits effective disinfectant activity (3 minute contact time) against the organisms:

- |   |                                |
|---|--------------------------------|
| <i>Pseudomonas aeruginosa,</i>            | <i>Listeria monocytogenes</i>  |
| <i>Staphylococcus aureus,</i>             | <i>Yersinia enterocolitica</i> |
| <i>Escherchia coli (ATCC 11229)</i>       | <i>Enterococcus faecium</i>    |
| <i>Escherchia coli O157:H7</i>            | <i>Streptococcus pyogenes</i>  |
| <i>Corynebacterium ammoniagenes</i>       |                                |
| <i>Salmonella (choleraesuis) enterica</i> |                                |
| <i>Salmonella (typhi) enterica</i>        |                                |

## ANTIBIOTIC-RESISTANT BACTERICIDAL ACTIVITY

- Methicillin resistant Staphylococcus aureus (MSRA)*
- Vancomycin resistant Enterococcus faecalis (VRE)*
- Vancomycin Intermediate resistant Staphylococcus aureus(VISA)*
- Methicillin resistant Staphylococcus epidermis (MRSE)*
- Community Associated Methicillin resistant Staphylococcus aureus (CA-MSRA) (NRS 123) Genotype USA400*
- Community Associated Methicillin resistant Staphylococcus aureus (CA-MSRA) (NRS 384) Genotype USA300*

# Conflikt® Detergent/Disinfectant Technical Data Sheet

Kills **HIV-1, HBV, and HCV** on pre-cleaned environmental surfaces/objects previously soiled with blood/body fluids in healthcare setting (hospitals, nursing homes) or other settings in which there is an expected likelihood of soiling of inanimate surfaces/objects with blood or body fluids and in which the surfaces/objects likely to be soiled with blood or body fluids can be associated with the potential for transmission of Human Immunodeficiency Virus Type 1 (HIV-1) (associated with AIDS), Hepatitis B Virus (HBV) and Hepatitis C Virus (HCV).

## SPECIAL INSTRUCTIONS FOR CLEANING AND DECONTAMINATION AGAINST HIV-1 HBV AND HCV ON SURFACES / OBJECTS SOILED WITH BLOOD/BODY FLUIDS:

**PERSONAL PROTECTION:** When handling items soiled with blood or body fluids use disposable latex gloves, gowns, masks, or eye coverings.

**CLEANING PROCEDURES.** Blood and other body fluids must be thoroughly cleaned from surfaces and objects before application of Conflikt.

**CONTACT TIME.** Allow surface to remain wet for HBV and HCV 5minutes, for HIV-1 1minute.

**DISPOSAL OF INFECTIOUS MATERIALS.** Blood and other body fluids should be autoclaved and disposed of according to local regulations for infectious waste disposal.

### - OSHA'S BLOOD BORNE PATHOGENS STANDARD -

The current OSHA policy regarding acceptability of disinfectants use for this purpose (decontamination of work surfaces contaminated with blood or OPIM) is stated in the Inspection and Citation Guidelines following paragraph M.d. (1) (b) on page 34 of OSHA Instruction CPL 2-2, 44C, "Enforcement Procedures for Occupational Exposure to Blood borne Pathogens Standard, 29 CFR 1910, 1030." This policy indicates that products registered with the U.S. Environmental Protection Agency (EPA) with claims of tuberculocidal efficacy are considered "appropriate" for purposes of compliance with the standard and would therefore be acceptable for such use." "OSHA continues to require the use of a tuberculocidal disinfection to clean up blood or body fluids."

*Excerpts from OSHA letter: ESchmidt 05-06-94*

**FUNGICIDAL ACTIVITY.** Conflikt is fungicidal against the pathogenic fungus, *Trichophyton mentagrophytes* (Athlete's Foot Fungus) when used as a directed on hard surfaces found in bathrooms, shower stalls, locker rooms, or other clean, non-porous, hard surfaces commonly contacted by bare feet.

**MILDEWSTAT.** To control mold and mildew on pre-cleaned, hard, non-porous surfaces spray surface to be treated making sure to wet completely. Let air dry. Repeat application at weekly intervals or when mildew growth appears.

### - STORAGE AND DISPOSAL -

Do not contaminate water, food, or feed by storage or disposal.

**STORAGE.** Store in a dry place no lower in temperature than 50°F or higher than 120°F. The shelf life is one year. The expiration date can be found on the product

**CONTAINER DISPOSAL.** Do not reuse container. Rinse thoroughly and offer for recycling if available. Do not reuse empty spray bottle except with refill bottle.

### - PRECAUTIONARY STATEMENTS - KEEP OUT OF REACH OF CHILDREN CAUTION

Hazards to humans and domestic animals. Causes moderate eye irritation. Avoid contact with eyes or clothing. Wash thoroughly with soap and water after handling. In case of contact, immediately flush eyes or skin with plenty of water for at least 15 minutes. If in eyes, or if swallowed, call a poison control center or doctor immediately for treatment advice. Do not induce vomiting unless told to do so by the poison control center or doctor.

**NOTE TO PHYSICIAN.** Probable mucosal damage may contraindicate the use of gastric lavage.

### - PACKAGING -

16 oz. (475 mL) Spray Pack / 12 per case  
32 oz. (950 mL) Trigger Spray / 6 per case  
64 oz. (1.9 L) Refill / 6 per case  
1 Gallon (3.8 L) Refill / 4 per case

### - CATALOG NUMBERS -

<u>Item</u>	<u>Cat. No.</u>
16 oz.	4101
32 oz.	4102
64 oz.	4103
1 Gal.	4104