

Hexafectant®

An Everyday Sanitizer & Disinfectant. Kills 99.9% of Germs.

Technical Data Sheet

Hexafectant® TDS (EPA Reg No. 82859-2-104424/EPA Est No. 82859-FL-1)

Over a decade ago, studies began on the ability of cell lysis buffers to disrupt cell membranes, rupturing them and releasing the cell contents. Cell lysis buffers are important to research and diagnostics because they allow for protein extraction from the cells while maintaining pH and protecting cellular proteins from degradation. As the work advanced, the cell lysis buffers were demonstrating efficacy against numerous microorganisms. These cell lysis buffers quickly emerged as a potentially safe, low toxic and a green category for disinfectants and sanitizers. Extensive studies of various formulations were performed by independent laboratories. Those studies demonstrated effective microorganism kill rates sufficient for EPA registration of the formulations as sanitizers and disinfectants. They also demonstrated stable chemistry and low toxicity. In fact, the companies patented formulations achieved EPA's lowest toxicity rating. Hence, Hexafectant® was created and offered to make the world a safer place.

FEATURES AND BENEFITS:

- ◆ Entirely novel and patented formulation in the United States
- ◆ Highly efficacious
- ◆ Extremely favorable toxicity profile
- ◆ Formulation does not promote the growth of resistant organisms
- ◆ Ingredients have a very low order of reactivity and corrosiveness
- ◆ Pleasant lavender fragrance
- ◆ Achieved EPA's lowest toxicity rating of a category IV
- ◆ Non hazardous; non-regulated; non-corrosive formula
- ◆ Contains the primary active ingredient of 1,2- Hexanediol
- ◆ Contains three secondary ingredients that create synergistic antimicrobial activity
- ◆ Aggressively disrupts the cell membrane or envelop virus
- ◆ Creates immediate leakage of cellular/viral contents and death of the cell or destruction of the virus
- ◆ N-list designation for products with Emerging Viral Pathogens and Human Coronavirus claims for use against SARS-CoV-2
- ◆ Hexafectant® is registered for use in all 50 states in the US
- ◆ Satisfied the EPA's criteria for inhalation and dermal results for the TCAI(technical grade active ingredient) of a category IV
- ◆ Hexafectant® was determined not to be a contact dermal sensitizer pursuant to the local lymph node assay study required by EPA

TYPICAL PHYSICAL PROPERTIES:

Appearance and Color	Clear to colorless liquid
Melting Point/Freezing Point	No data available
Odor	Slightly fragrant odor
Boiling Point	Largely aqueous solution -no data available
pH	6.5 to 8.0
Flashpoint	Contains no functional groups that would confer explosive potential
Specific Gravity	1.008± .04 g/ml at 77°F(25°C)

DIRECTIONS FOR USE:

It is a violation of Federal Law to use this product in a manner inconsistent with its labeling.

TO CLEAN, DEODORIZE SANITIZE, OR DISINFECT

Use Hexafectant® to clean, deodorize, sanitize, and disinfect hard, non-porous surfaces in one step. For heavily soiled surfaces, preclean by spraying soiled area and wiping clean. Apply solution to visibly clean, hard, non- porous surfaces by spraying 6-8 inches from the surface. Reapply as necessary to ensure that surface remains wet for required contact time. Allow to air dry.

STORAGE AND HANDLING:

Rinse empty container with water and discard as per federal, state and local guidelines. Suggested shelf life of Hexafectant is 1 year.

PACKAGING:

Hexafectant is available in 12x24 ounce cases, 4x1 gallon F-style cases, 2x2.5 gallon cases, 5 gallon pails, 55 gallon drums and 275 gallon totes.

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