

SPECIFICATIONS

A global Clean Water disinfectant with lethal efficacy to control all micro-organisms in clinical and medical waste.



PERFORMANCE CATEGORY	SPECIFICATION
Type	Concentrate. Hospital grade disinfectant for treatment of medical waste.
Dilution	Dilution rate is controlled by SteriMed equipment.
Usage	For use with SteriMed medical waste processors.
Registrations	US EPA FIFRA 71814-1
Efficacy	Exceeds STAATT Level III efficacy with <i>Bacillus atrophaeus</i> , and <i>Geobacillus stearothermophilus</i> biological indicators in spore suspension.
Microbiological Inactivation	Efficacy proven against bacteria (gram-, gram+, sporulated), viruses (encapsulated and non-encapsulated), spores and fungi.
Infection Control Attributes	Broad spectrum lethal efficacy to control all micro-organisms in clinical wastes.
Environmental Toxicity	Biodegradable effluent per EPA OECD test methods.
Formulation	<p>Synergistic blend consisting of 5 different types of disinfectants:</p> <ul style="list-style-type: none"> • 2 different quaternary ammonium compounds: (1 single chain) alkyldimethylbenzylammoniumchloride: 170.6 g/L (17.06%) and 1 twin chain: didecyldimethylammoniumchloride: 78 g/L (7.8%) thus broadening the spectrum of the quaternary ammonium group. • A safe, modern aldehyde, widely used in human medicine co-biocidal glutaraldehyde: 107.25 g/L (10.73%). • alcohol: isopropanol: 146.25 g/L (14.63%). • pine oil: 20 g/L (2%) plus: buffering agents and stabilizers sequestering agents and light dye.

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Concentration Percentage	522.1 g/L (70 oz/gal) or 52.21%
Treatment Concentration (Dilution)	0.5% (1:200)
Equipment Compatibility	Neutral pH (non-corrosive to equipment)
Permitting Requirements	Concentration of effluent constituents conform to most discharge ordinances. Contact us for a discharge ordinance verification.
Effluent Discharge	When used with SteriMed equipment, effluent is safe for discharge into drains without pretreatment or neutralization if disposed to sanitary drain.
Shelf Life	3 years
CleanAir Facts	No bioaerosols, dioxin, or furans when used in conjunction with SteriMed medical waste processors.
Clean Water Facts	Biodegradable when used in accordance with the labeling. Clean Water Act compliant when used with SteriMed equipment.
Occupational Health	Not known to be carcinogenic for people; airborne emission exposures are below OSHA and ACGIH exposure limits when used with SteriMed equipment.
Packaging	5 liters (1.3 gallons) UN rated plastic jugs; 200 liters (55 gallons) plastic drums.
Shipping Classification	The concentrate is shipped as UN 1760 corrosive liquid.