

PRODUCT DESCRIPTION

ALGICELL® Ag is a primary wound dressing made of Calcium Alginate containing 1.4% silver. In the presence of wound exudate, the sodium ions from the exudate take the place of the silver ions, releasing the silver ions. As wound exudate is absorbed, the alginate forms a gel, which assists in maintaining a moist environment for optimal wound healing, and allows intact removal. The silver ions released in the presence of wound fluid protect the dressing from bacterial colonization, and provide an effective barrier to bacterial penetration. Antibacterial effectiveness of the dressing was demonstrated for *Staphylococcus aureus* and *Pseudomonas aeruginosa* by the Kirby-Bauer antimicrobial susceptibility test and ASTM E2149-01 (determining antimicrobial activity of immobilized antimicrobial agents).