

NEXT SCIENCE®

SURGX™
POWERED BY XBIO™



Because surgical site infections
are detrimental, yet preventable.

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SURGX

\\ What is SurgX?

SurgX™ is an innovative surgical gel designed to help reduce superficial surgical site infections (SSIs) and protect wound tissue to facilitate natural healing. The clever combination of proven ingredients and elegant chemistry destroys pathogens within the gel and defends post-surgical wounds from infection and biofilm formation.

\\ Destroy Infectious Agents within SurgX

Leveraging Next Science's proprietary Xbio™ technology, the comprehensive formulation kills pathogens enveloped within the gel by creating a high osmolarity environment coupled within a surfactant to induce cell lysis. The unique mechanism of action has broad-spectrum antimicrobial efficacy against gram-positive and gram-negative bacteria, fungi, persister cells, and spores, and can show a 7 log colony reduction within 2 minutes.^{1,2}

\\ Protect and Defend against SSI

The sterile gel creates a protective superhydrophilic layer that prevents surface attachment of free-floating bacteria while the Xbio technology eliminates pathogens in the gel³. The gel formulation quickly conforms to the wound-bed on and around the surgical site and maintains a consistent barrier that can defend against recolonization for up to 72 hours.³

\\ Non-toxic

SurgX is non-toxic and is compatible with a broad range of dressings*. It provides a protective, moist environment that safely facilitates natural healing.

*PRECAUTIONS

Do not cover with alginate dressings. For External topical use only. Do not ingest. Must not be used in or near the eyes.

INDICATIONS FOR USE

SurgX™ is indicated for the management of post-surgical wounds, stage I-IV pressure ulcers, partial and full-thickness wounds, diabetic foot and leg ulcers, first and second-degree burns, and grafted and donor sites.

CONTRAINDICATIONS

SurgX should not be used if there is a history of allergy to any of the ingredients.

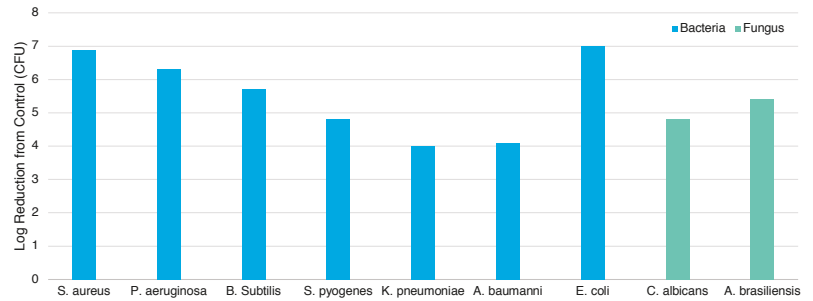
CONTAINS

Benzalkonium chloride 0.13%, polyethylene glycol 400, polyethylene glycol 3350, sodium citrate, citric acid, and water.

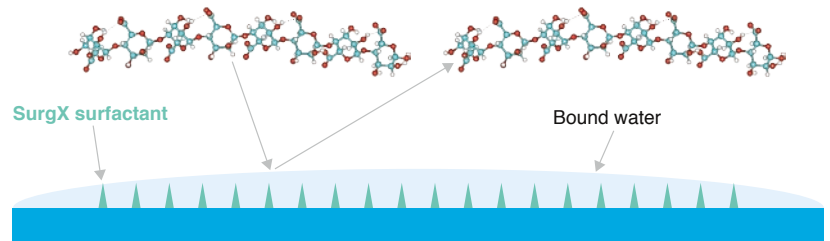
1. Laboratory data on file
2. Laboratory data on file
3. Laboratory data on file

\\ SurgX with Xbio Technology Provides Broad Spectrum Planktonic Efficacy within the Gel

Suspension Time Kill Testing (2 minutes)²

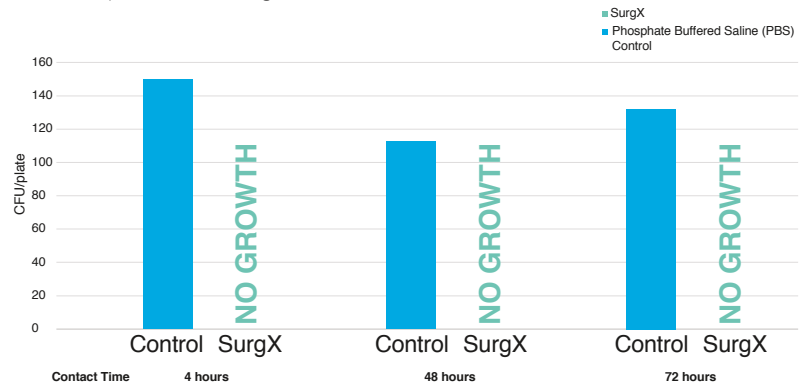


\\ SurgX with Xbio Technology Prevents Bacterial Adhesion without Maceration Through the Formation of an Oxygen Permeable Superhydrophilic Surface³



\\ SurgX v. Control: ~10⁷ Bacterial Barrier Testing Results

The SurgX barrier offers a unique mechanism with sustained antimicrobial effects. Testing confirms bacteria are unable to migrate through or proliferate within the presents of SurgX³



PART NUMBER	PRODUCT NAME
MC-WG-0010-8	Next Science SurgX Gel 7.5 ml tube (case of 8)