





Product Information Sheet

NanoSALV Catalytic	
Classification	Biochemical: Catalytic
British Columbia Practice	<ul style="list-style-type: none"> To be used with a Physician/NP/NSWOC/WC recommendation/order.
Key Points	<ul style="list-style-type: none"> NanoSALV is an advanced wound care treatment that contains CTM technology (copper, titanium dioxide and silica) suspended in a liquid matrix. This technology: <ul style="list-style-type: none"> Provides a catalytic action to actively promote and optimize the wound healing process. Has a broad-spectrum antimicrobial action that minimizes biofilm and is effective against gram-positive and gram-negative bacteria including resistant strains and anaerobes. Also effective against fungi, yeast and viruses. Has anti-inflammatory properties. Can be used on a wound bed which has a combination of clean & slough/necrotic tissue. To be effective, product must be in contact with the clean tissue. May be used in combination with antimicrobial/antiseptic wound and skin care products.
Indications	<ul style="list-style-type: none"> May be used for adults and children with a: <ul style="list-style-type: none"> Wound of any etiology including burns which has a goal of care either to heal or slow-to-heal. Skin concern related to incontinent associated dermatitis, moisture associated skin damage, fungal/viral rashes, inflammatory dermatitis, etc. May be used under compression or with total-contact-cast offloading. May be used: <ul style="list-style-type: none"> As a treatment for wounds with signs and symptoms (S&S) of local infection. See Wound Infection Quick Reference Guide or QR Code below. In combination with systemic antibiotics, to treat wounds with S&S of spreading infection or systemic infection Prophylactically to prevent infection in clients at high risk for developing a wound infection.
Precautions	<ul style="list-style-type: none"> A light application of the product (thickness of a piece of paper) is required. A 'pea' size amount covers a 10 x 10cm area; using more than what is stated does not increase the effectiveness of the technology. Must be applied in direct contact with a <u>clean</u> wound area, peri-wound or inflamed skin. Avoid contact with eyes, if contact occurs, thoroughly rinse the eye with water. May cause some tingling for a short time following application; if client is unable to tolerate the sensation, discontinue the use of the product.
Contraindications	<ul style="list-style-type: none"> Sensitivity or allergy to copper, titanium dioxide or silica or other components of the product. Discontinue use of product if client experiences discomfort/pain related to severe itching and/or burning or a skin reaction.
Formats & Sizes	<ul style="list-style-type: none"> Tube: <ul style="list-style-type: none"> 2gm (~8 applications) 5gm (~20 applications) 15gm (~60 applications) Sachet: <ul style="list-style-type: none"> 0.25gm (1 application/10 per box) <p>Application = 10 x 10cm area</p> 

Directions	Rationale / Key Points
Selection	
Select format (tube or sachet) based upon the size of the wound (e.g., 10x10cm), the anticipated dressing change frequency, (e.g., 2xweek) and length of treatment, (e.g., 3 weeks).	Tube is single-client use only. Label tube with client's name and date when opened. Shelf-life is three years from manufacture date (expiry date is stamped on the packaging) and is not affected by opening date.
Preparation	
Cleanse wound and periwound / surrounding skin with sterile normal saline or agency approved wound cleanser, (e.g., antimicrobial cleanser). Pat periwound / surrounding skin dry.	See Wound Cleansing Procedure or QR Code below.

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Note: if barrier film is required for periwound skin protection against moisture associated skin damage or medical adhesive related skin injury; apply the product first, allow 30 seconds to dry and then apply the barrier film.	Barrier film may interfere with the function of some cover dressings, (e.g., silicone dressings). Refer to the secondary dressing’s Product Information Sheet to determine if barrier film is appropriate.	
Application		
<p>For all types of applications:</p> <ul style="list-style-type: none">• Determine size of area to be covered with product.• Apply using either a sterile cotton tipped applicator or sterile gloved finger. <p>For wounds with a visible wound bed:</p> <ul style="list-style-type: none">• Apply product, thickness of a piece of paper, to the clean area of the wound and open wound edge. Apply to open periwound skin area as needed.• Apply wound contact layer/wound filler as needed and secondary dressing to cover the wound. <p>For wounds with undermining/tunneling:</p> <ul style="list-style-type: none">• Apply product, thickness of a piece of paper, directly to undermined/tunnel tissue or spread the product over a packing ribbon.• Lightly fill/pack the space leaving a tail of the packing so it can be seen. Apply secondary dressing to cover the wound. <p>For skin conditions:</p> <ul style="list-style-type: none">• Apply product, thickness of a piece of paper, to the clean open/inflamed skin area. Cover with dressing if required.• If a barrier cream, (e.g., silicone or zinc) is required:<ul style="list-style-type: none">○ Allow the product to dry for 30 seconds.○ Dab barrier cream over product, lightly spread top layer of barrier cream taking care not to spread the product itself.	<p>A pea size amount of product covers a 10 x 10cm area.</p> <p>Using a sterile gloved finger may provide a better ‘feel’ for where the gel has been already applied.</p> <p>To be effective, product must be in contact with clean tissue.</p> <p>Use one piece of packing whenever possible. Overpacking undermining/tunneling can lead to tissue necrosis. The tail will facilitate the removal of packing. See Wound Packing Procedure or QR Code below.</p> <p>Allowing the product to dry prior to the application of the barrier cream will ensure the product stays in place when the barrier cream is smoothed out over the area.</p>	
Removal		
Product is water soluble. If dressing adheres to wound, use cleansing solution to re-hydrate product/loosen the dressing.	If adhering, consider different dressing or decrease the dressing change frequency Do not add more product.	
Frequency of Dressing Change/Application		
Apply a new layer of product with each dressing change. For inflamed skin areas left open to air, reapply when product is washed, rubbed or sweated off.	Dressing change frequency is dependent upon amount of wound exudate.	
Expected Outcomes		
If used for wound healing, wound measurements decreased by 30% within 3 weeks. If used for skin condition, skin healed within 14 days. If used as treatment of a local wound infection, S&S resolved within 14 days. If used prophylactically, S&S of wound infection did not develop. Product performs as expected.	If product does not perform as expected, notify NSWOC/Wound Clinician and then consider submitting a Supply Chain Product Concern Form .	
QR Codes		
		
Wound Cleansing Procedure	Wound Packing Procedure	Wound Infection QRG
For further information please contact NSWOC/Wound Clinician		