

For moist wound management

## LAVANID® - Wound Gel



### NEW!

The tube with its patented 100% water-tight tamper-evident cap broadens the LAVANID® product range with a large-volume container offering considerable application advantages, especially for extensive wounds.

#### Description and product profile

Chronic wounds are generally covered with devitalised and necrotic tissue and colonised with bacteria. The wound surface needs to be removed for successful wound management, e.g. by surgical debridement. Gentle wound cleansing and wound moistening are also required. Chronic wounds generally have impaired wound healing, so treatment with preparations that are well tolerated by the tissues is indicated.

LAVANID® - Wound Gel is a sterile, preserved wound gel based on Ringer's solution and distinguished by its high tissue tolerance. After wound cleansing, for example with LAVANID® 1/2 - Wound Irrigation Solutions, LAVANID® - Wound Gel can be applied directly onto the wound. LAVANID® - Wound Gel is suitable for wound moistening and for the preservative moistening of dressings, e.g. for wounds colonised with multi-resistant problem bacteria. Preservative dressings reduce the risk of bacterial spread from the wound into the surrounding area and protect

the wound from bacterial invasion from outside.

#### Indications for use

LAVANID® - Wound Gel is used for moistening and treating wounds as well as for the preservative moistening of dressings and wound pads.

#### Tissue tolerance

Experimental and clinical studies have shown the combination of Ringer's solution with 0.04 % polyhexanide to be very well tolerated by tissues. Clinical studies have demonstrated that LAVANID® - Wound Gel does not affect the regeneration of healthy tissue. Local irritations do not occur. Its application is pain-free for the patient. Due to their high tissue tolerance, LAVANID® - Wound Gel and LAVANID® 1/2 Wound Irrigation Solutions are suitable for repeated and long-term wound management.

#### LAVANID® - Wound Gel

**Composition:**  
Ringer's solution, glycerine, macrogol, hydroxyethyl cellulose, polyhexanide 0.04 %

**Product range:**  
Unit dose syringe, sterile and single packed.

LAVANID® - Wound Gel	PZN	REF
2 x 10 g	6122661	015272
12 x 10 g	2078785	015271

Tube

LAVANID® - Wound Gel	PZN	REF
1 x 100 g	8837192	015274

Components for systematic

# WOUND MANAGEMENT

## Solutions



### LAVANID® 1/2 - Wound Irrigation Solutions

### LAVANID® - Wound Gel



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The reliable solution!

## LAVANID® 1/2 - Wound Irrigation Solutions



### LAVANID® 1/2 - Wound Irrigation Solutions LAVANID® - Wound Gel

Through their composition and the design of their packaging, LAVANID® 1/2 - Wound Irrigation Solutions and LAVANID® - Wound Gel are medical devices that have been optimised for the management of wounds.

Alongside surgical suture material and textile implants, sterile solutions form the third corporate division of SERAG-WIESSNER. We produce standard infusions, liquid and sterile products for wound management, numerous special solutions as well as individual formulations that we produce on customer request. Many of these products are immediately available from stock.

Particular attention has been paid to improving the packaging for the individual applications. With this, we are pursuing a clear objective: we aim to provide the most practicable and best-tolerated solution for every application, for both the attending physician and for the patient.

**NEW!**

LAVANID® - Wound Gel now also available as a 100 g tube.



### Application of LAVANID® 1/2



Pouring out the solution with screw top.

### Application using the spike



Remove the aluminium foil and disinfect the spike insertion area.



Insert the spike.



Bottle with inserted spike ready for aseptic pouring.

### Description LAVANID® 1/2

LAVANID® 1/2 solutions are sterile iso-osmotic wound irrigation solutions, based on Ringer's solution with 0.02 % or 0.04 % polyhexanide. Polyhexanide prevents the growth of microorganisms in wound dressings and in the solution.

### Isotonic base

LAVANID® 1/2 - Wound Irrigation Solutions are isotonic. The use of an isotonic solution prevents swelling of the skin and irritation of the wound area as there is no exchange of fluid or electrolytes with the body's own secretions. The excellent suitability for wound management, as reported in the literature<sup>1</sup>, and the high tissue tolerance of LAVANID® 1/2 are not least based upon this fact.

### Reduced surface tension

Polyhexanide and macrogol reduce the surface tension of the solution. This tenside-like effect supports the cleansing of the wound. The irrigation solution is able to reach the tissue better and more effectively.

### Indications

- For local wound irrigation and wound cleansing.
- For moistening surgical towels, tamponades and dressings.

### Shelf life:

Shelf life of 2 months after initial



opening.

### Sterility

Wound irrigation solutions are used in clinical practice for intra-operative wound irrigation and for the cleansing and supportive treatment of soiled wounds at risk of infection as well as of already infected acute and chronic wounds. In order to maintain the bacterial load of the wound as low as possible and to prevent the additional entry of bacteria via the applied wound irrigation, the application of sterile products is a recognised standard in medical wound management.

### Optimal composition

LAVANID® 1/2 - Wound Irrigation Solutions contain polyhexanide as a preservative. Due to its good tissue tolerance, recognised wound experts' rate solutions preserved in this way as agents of first choice for poorly healing chronic or very sensitive wounds (e.g. second-degree burns) and for irrigation treatment. Its pain-free application ensures high patient acceptance. Solutions with 0.02 % polyhexanide (LAVANID® 1) to 0.04 % polyhexanide (LAVANID® 2) are recommended for a reliable preservation with simultaneous high tissue tolerance<sup>2</sup>. LAVANID® 2 is preferred for the initial treatment and for heavily infected wounds to reliably suppress bacterial growth in wound dressings, for example. LAVANID® 1 can be used once healing has commenced and for long-term management.

LAVANID® 1/2 solutions are clear and thus allow an unrestricted assessment of the state of the wound.

### MRSA decontamination

LAVANID® 1/2 solutions can be used for a whole-body wash of MRSA patients. The solutions are very well tolerated by unaffected areas of skin.

### LAVANID® 1/2 Composition

Ringer's solution (isotonic electrolyte solution comprising sodium chloride, potassium chloride, calcium chloride dihydrate, water for injection), macrogol, polyhexanide 0.02 % (LAVANID® 1) or polyhexanide 0.04 % (LAVANID® 2).

Literature

<sup>1</sup> Kramer et al., ZfW 2004; 3: 110-120, most recently confirmed by Dissemont et al., ZfW 2009; 3: 20-26

<sup>2</sup> Kallenberger et al., Hyg. Med. 1991;16: 383-395

Package sizes:					
LAVANID® 1	PZN	REF	LAVANID® 2	PZN	REF
20 x 125 ml	5901297	014124	20 x 125 ml	5901274	014224
10 x 250 ml	2178452	014125	10 x 250 ml	2178564	014225
6 x 1000 ml	2178498	014127	6 x 1000 ml	2178587	014227