

Components for systematic

# WOUND MANAGEMENT

## Solutions



LAVANID® 1/2 -  
Wound Irrigation  
Solutions

LAVANID® -  
Wound Gel

LAVANID® -  
Wound Gel V+

LAVANID® -  
Dressing

The reliable solution

# LAVANID® 1/2 - Wound Irrigation Solutions



**NEW!** 500 ml bottle



## LAVANID® 1/2 - Wound Irrigation Solutions

excellent tissue tolerance

suitable for  
intraoperative use

can be used for  
whole-body washes, e.g.  
for patients with MRSA

suitable for negative  
pressure wound therapy  
(NPWT)

### Product description

LAVANID® 1/2 solutions are sterile isosmotic wound irrigation solutions, based on Ringer's solution with 0.02% or 0.04% polyhexanide as a preservative. Polyhexanide prevents the growth of micro-organisms in wound dressings and in the solution.

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. Their 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.

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

### Indications for use

LAVANID® - Wound Irrigation Solutions are suitable for the local irrigation and cleansing of both acute and chronic wounds, as well as for intraoperative use. In addition, LAVANID® Wound Irrigation Solutions can be used to moisten swabs, packs, and dressings.

### Tissue tolerance

LAVANID® 1/2 - Wound Irrigation Solutions contain polyhexanide as a preservative. Due to its excellent 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).<sup>1</sup> Its pain-free application ensures high patient acceptance.



Solutions with 0.02 % polyhexanide (LAVANID® 1) to 0.04 % polyhexanide (LAVANID® 2) are recommended for reliable preservation with simultaneous high tissue tolerance.<sup>2</sup>

## Application

LAVANID® 2 is preferred for initial treatment and for heavily contaminated 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 are colourless and thus allow an unre-

stricted assessment of the state of the wound. All LAVANID® products are suitable for repeated and long-term wound management.

## 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).

## Shelf life:

 Use within 2 months of first opening.

### Pack sizes:

LAVANID® 1	PZN	REF	LAVANID® 2	PZN	REF
20 x 125 ml	05901297	014124	20 x 125 ml	05901274	014224
10 x 250 ml	02178452	014125	10 x 250 ml	02178564	014225
10 x 500 ml	13878572	014126 NEW	10 x 500 ml	13878589	014226 NEW
6 x 1000 ml	02178498	014127	6 x 1000 ml	02178587	014227

## 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.

### Literature

<sup>1</sup> Kramer et al., ZfW 2004; 3: 110-120, confirmed by Dissemond et al., ZfW, 2009; 1: 20-26; lately confirmed by Kramer et al., Skin Pharmacol Physiol; 2018;31:28-58

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

## Optimal distribution over the wound

# LAVANID® - Wound Gel



## LAVANID® - Wound Gel

hydrogel with 0.04% polyhexanide

good flow properties when used in wound cavities or pockets

prevents the formation of biofilm

### Product description

LAVANID® Wound Gel / LAVANID® Wound Gel V+ are sterile hydrogels preserved with 0.04% polyhexanide. Experimental and clinical studies have shown the selected composition to be very well tolerated by the tissues.

In comparison with the standard LAVANID® Wound Gel, LAVANID® Wound Gel V+ has a higher viscosity and thus better adhesive properties.

### Indications for use

LAVANID® Wound Gels are suitable for moistening wounds and for the preservative moistening of dressings and compresses, e.g. for wounds colonised

with multiresistant problem bacteria. Preservative dressings reduce the risk of bacterial spread from the wound into the patient's surroundings and protect the wound against bacterial invasion from the outside. This preservative effect prevents the formation of biofilm.

LAVANID® Wound Gels are also extremely suitable for use in poorly healing and sensitive wounds, as well as for autolytic debridement.

Chronic wounds generally have impaired wound healing, so treatment with preparations that are particularly well tolerated by the tissues is indicated.

### Pack sizes:

LAVANID® Wound Gel	PZN	REF
1 x 100 g	Tube	08837192 015274
1 x 40 g	Tube	13946724 015273
2 x 10 g	Syringe	06122661 015272
12 x 10 g	Syringe	02078785 015271



Higher viscosity and greater adhesion to the wound

## LAVANID® - Wound Gel V+



### Tissue tolerance

Clinical studies have demonstrated that the regeneration of healthy tissue is not affected. Local irritation does not occur. The application is painless for the patient. Due to the good tissue tolerance, all LAVANID® Wound Gels are suitable for repeated and long-term wound management.

### Application

LAVANID® Wound Gel can be applied directly onto the wound after it has been

cleaned and prepared or applied to a dressing before the wound is dressed and bandaged as usual.

### Composition:

Ringer's solution, glycerine, macrogol, hydroxyethyl cellulose, polyhexanide 0.04%.

### Shelf life:

Use within 1 month of first opening.

### LAVANID® - Wound Gel V+

hydrogel with 0.04% polyhexanide

better adhesive properties than other available wound gels

prevents the formation of biofilm

**NEW!** LAVANID® - Wound Gel V+ now available in a 10 g syringe



#### Pack sizes:

LAVANID® Wound Gel V+	PZN	REF
1 x 100 g Tube	10329497	015774
1 x 40 g Tube	10813543	015773
2 x 10 g Syringe	13576919	015772
12 x 10 g Syringe	13576925	015771

Sterile, moist, and ready-to-use

## LAVANID® - dressing



### LAVANID® - dressing

good vertical absorption of exudate

can be combined with a variety of secondary dressings

can be used on both sides

pathogens are absorbed and inactivated in the dressing

### Optimal wound care

Thoroughly cleaning the wound is a basic requirement for optimal wound care and fundamental to rapid healing. LAVANID® dressings now perfectly complement the LAVANID® 1/2 Wound Irrigation Solutions and the LAVANID®/LAVANID® V+ Wound Gels. We can therefore provide a full wound care system from cleaning to the primary covering of acute and chronic wounds.

### Product description

The LAVANID® dressing is a ready-to-use, sterile, moist dressing that absorbs exudates, while covering and moistening the area around the wound. The polihexanide contained in the dressing acts exclusively as a preservative for the moist dressing and protects against the growth of bacterial and fungal pathogens in the dressing material. The moist

dressing dissolves biofilms, cleans the wound, and creates an optimal milieu for the formation of granulation tissue. The wound contact meshes on both sides of the dressing prevent it from adhering to the wound, which makes dressing changes easier and more comfortable.

### Indications for use

LAVANID® dressings are used for acute and chronic wounds, such as venous leg ulcers, diabetic foot syndrome and pressure sores (up to grade 3). They also support healing in wounds at risk of infection, such as postoperative wounds and burns (up to second degree). Superficial wounds, such as split-skin graft donor sites, are a further indication for use.

**NEW: 5 x 5 cm in peel-off sachet**



*The meshes on both sides of the dressing prevent it from adhering to the wound.*



*Ready-to-use moist dressing for direct application to the wound*



*Can be easily cut, draped or used to pack the wound*



*Can also be moistened with LAVANID® wound gel (for dry wounds)*

## Application

After thoroughly cleaning the wound with LAVANID® Wound Irrigation Solutions and applying LAVANID® Wound Gel if required, the LAVANID® dressing is applied as the primary covering. The LAVANID® dressing can be used on both sides; it is easy to cut to the required

size before placing it over the wound. The vertical absorption of exudate and the fact that it can be used in all phases of wound healing distinguish this dressing. It also assists in rapid and efficient wound debridement.

**Optimal wound care:**

clean the wound with LAVANID® products



primary wound cover with a LAVANID® dressing



secondary dressing



fixation

**Can be combined with conventional secondary dressings!**

Wound phase	Exudation			
	dry	normal	moderate	severe
Inflammation phase	LAVANID®-dressing	LAVANID®-dressing	LAVANID®-dressing	LAVANID®-dressing
	+ LAVANID® wound gel  + film dressing or  + semipermeable wound dressing	+ LAVANID® wound gel if needed  + film dressing or  + foam dressing  + fixation	+ absorptive compress  + fixation or  + superabsorbent dressing  + fixation	+ superabsorbent dressing  + fixation
Granulation/ epithelisation phase	LAVANID®-dressing	LAVANID®-dressing	LAVANID®-dressing	LAVANID®-dressing
	+ film dressing or  + semipermeable wound dressing	+ sterile gauze  + film dressing or  + semipermeable wound dressing	+ absorptive compress  + fixation or  + superabsorbent dressing  + fixation	+ superabsorbent dressing  + fixation

Pack sizes:

LAVANID® - dressing	PZN	Art. -Nr.
10 x 10 cm (10 pie.)	12388506	016310
5 x 5 cm (10 pie.)	15202175	016305 NEW



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