

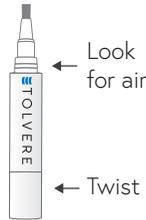
## Fungal & Non-fungal Nail Renewal Solution



### 1 Prior to first use

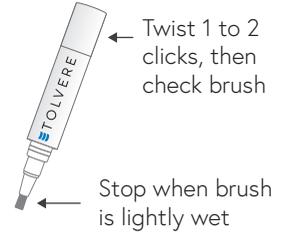
For best results and to ensure safety, read all of the instructions

Take off the cap, point the pen up and twist the bottom until the air bubble approaches the top of the clear viewing area under the brush



### 2 Priming the pen

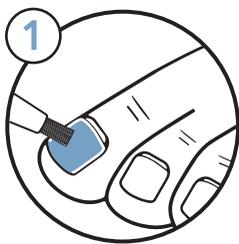
Point pen down and twist the bottom of the pen in one to two click increments until the brush tip becomes lightly wet



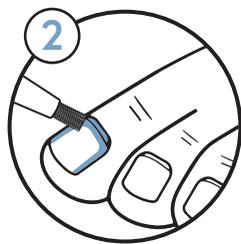
### 3 Application

Check the brush before use. If it is not still wet from your previous use, **repeat step 2 above.**

**Twice a day on each nail, apply a thin layer:**



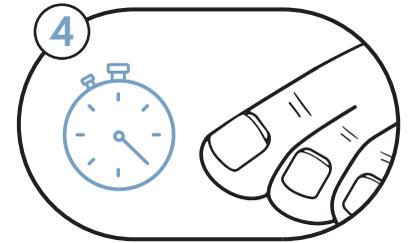
1  
On the entire  
nail plate



2  
Around the edges  
of the nail



3  
Under the tip of  
the nail



4  
Wait until dry to put shoes on, if it isn't dry within 2 minutes it was likely overapplied

### 4 For best results

- Use once in the morning and once at night
- Do not over apply the solution, only a thin layer is necessary
- Avoid applying excess solution directly on the skin around your nails
- Be consistent with your application, results can range from visual changes within days to up to nine months for full nail renewal



Scan for an instructional video and written Spanish instructions  
Escanea para un video instructivo y las instrucciones en español

### ! Additional information

For external use only. Avoid contact with eyes. Do not use if you are allergic to any of the listed ingredients. Keep out of reach of children. Store in a cool dry place. Remember to put the cap back on after use. Minor irritation of the skin surrounding the nail may occur in some patients. If irritation does occur, reduce use to once a day and ensure you are applying only a thin layer. If irritation continues, use every other day or stop use. In rare cases, some conditions may cause nails to detach from nail bed. If this occurs, do not use Tolvere until the new nail has grown out.

## Frequently Asked Questions

**Q: How is Tolvere different from other nail renewal products?**

**A:** The Tolvere formulation was developed through years of clinical research and collaboration with leading scientists. It is the first product to combine clinically proven ingredients in a patented low surface tension delivery vehicle designed specifically to penetrate nails. Other antifungal and cosmetic nail products utilize thick emulsions, creams, gels, oils, and water-based delivery vehicles that limit penetration and results.

**Q: How long until I see results?**

**A:** Results vary based on the condition of your nail, how consistent you are with the application, and other factors. Some patients begin to see visible changes in 2 to 3 days, while others can take a month or more. To fully renew a nail that is completely damaged it may take as little as one month or up to nine months.

**TIP:** Take a photo in similar lighting every week to track your progress.

**Q: Does Tolvere cure nail fungus? (Onychomycosis)**

**A:** Tolvere is a nail renewal product intended to improve and maintain the appearance of nails damaged by fungus or other conditions. No over-the-counter product is approved by the FDA to cure fungus of the nail plate. To cure and prevent underlying fungal infections of the nail bed, use Marlinz Pharma's Tolcycen Antifungal/Nail Renewal Solution which is dispensed only through physicians.

**Q: How long will my Tolvere pen last?**

**A:** With proper use, the Tolvere pen will last approximately 50 days for all ten toes and around 180 days for a single big toe. If you run out sooner, you may be over-applying the solution on your nails.

**Q: Can I use it over nail polish?**

**A:** For best results, apply Tolvere to the bare nail plate. Nail polish can be used over Tolvere once it is dry. Remove your nail polish before the next application.

## The Science of Tolvere

Effective treatment of damaged nails requires 2 key elements:

1. Ingredients that repair discoloration, brittleness, cracks, and other damage
2. A *delivery vehicle* which is capable of bringing ingredients into the nail plate

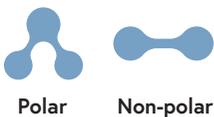
### Why is Tolvere so effective?

Tolvere combines three key ingredients, Propylene Glycol, Lactic Acid, and Urea, which are well studied in repairing nail plate damage, and a proprietary combination of additional cosmetic ingredients, which help nails look healthy. However, these ingredients alone aren't effective without a means to penetrate the nail plate. The delivery vehicle refers to the rest of the formulation



that "delivers" the functional components where they are needed; for Tolvere, that is into the nail plate. The Tolvere delivery vehicle has low surface tension and low molecular weight and is formulated to move through the keratin matrix in your nails for optimal penetration. It also contains ingredients that break down the keratin in nails to help penetrate further. This revolutionary approach has resulted in multiple patents for its penetration capability and the complex process required to formulate and stabilize the solution.

The interaction between nails and topical treatments is surprisingly complex. There are polar molecules that are attracted to water (hydrophilic) and non-polar molecules that are repelled by water (hydrophobic). The nail plate consists of a keratin matrix with different compositions across three layers. These layers typically function as a hydrophilic membrane, although there is some hydrophobic material as well. Generally, this means that a solution with a similar ratio of hydrophilic to hydrophobic material to the toenail will penetrate well. This concept and other characteristics of the nail surface and solution indicate how well a product will penetrate. Marlinz Pharma has utilized innovative analysis to determine how products interact with and penetrate the nail plate by understanding surface tension, wettability, polar/dispersive forces ratio, homogeneity, and molecular weight. The table below illustrates how Tolvere compares to the current market-leading water-based nail renewal product.



Polar Non-polar

So what does this mean for you? **Better looking nails, faster.**

#### Independent Lab - Surface Tension and Contact Angle Report

	Contact Angle (θ)	Surface Tension (γ <sub>L</sub> )	Percent Polar	Percent Dispersive
<b>Tolvere</b>	<b>25.14</b>	<b>27.47</b>	<b>1.73%</b>	<b>98.27%</b>
Market Leading Nail Renewal	71.26	40.61	40.01%	59.99%

Lower numbers mean better penetration and results

Polar should be low and dispersive high to match the surface of a nail and increase penetration



Tolvere



Competitor

Magnified image of a droplet of Tolvere and a leading competitor in the lab during contact angle and surface tension tests. Contact angle is noted on each image.