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the ZANFEL ZONE

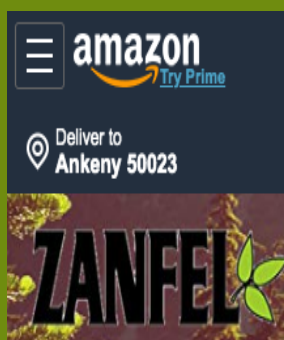
Your Information Resource for Poison Ivy, Oak and Sumac

Volume 9, Issue 2



Welcome to the Zanfel Zone! As always, Zanfel Laboratories is here to provide you with important information on plant identification, prevention, and treatment.

Check Out Zanfel's New Amazon Storefront



If you know you'll need Zanfel ahead of a camping trip or a landscaping project (especially if you're an Amazon Prime member), check out Zanfel's new Amazon storefront by clicking here: bit.ly/ZanfelAm

If you're itching, miserable, and need relief ASAP, buying Zanfel at your local pharmacy is the only way to go.

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[Click here](#) to order informational materials - for FREE!

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Working Around Poison Ivy and Poison Oak



Are you surrounded by poison ivy at work? Here are some tips for reducing exposures and misery:

- **Plant Identification.** In the US, there are two species of poison ivy and two species of poison oak. The shape of the plants' leaves can vary widely from one place to the next. Be suspicious of any climbing vine that uses aerial roots to attach to trees. (For free copies of Zanfel's education resources on plant ID, please click on the "Want To Learn More" link)
- Remember that all parts of the plant are toxic. The plants' toxin, urushiol, is an oil that is found not only in the leaves, but also in the vines, aerial roots, stems, and roots. Running a chainsaw or weedeater through a poison ivy stem or vine can spray your skin and clothing with urushiol, the plants' rash inducing oil.
- It only takes about 60 minutes for urushiol oil to absorb into the skin. If exposure is suspected, wash the exposed skin ASAP with soap and cool water to remove as much unabsorbed urushiol as possible. If it has been more than 60 minutes, the urushiol is already in your skin and "regular" soap and water is no longer effective. Zanfel

can be used as a post-exposure preventative to remove the urushiol that has already bonded with the skin, thereby either preventing, or greatly reducing the severity of the reaction.

Time of Washing After Exposure	Extent of Removal of Poison Ivy Oil (%)
Immediately	100
10 min	50
15 min	25
30 min	10
60 min	None

- Rash treatment: Zanfel is the ONLY product clinically shown to remove urushiol from the skin, ANYTIME after outbreak of the rash. For most mild to moderate reactions, the use of Zanfel completely stops the itching, and puts the body in a position to heal the rash. Zanfel allows the poison ivy/oak affected employee to quickly return to work in an itch free and healing state.
- For severe or systemic cases, Zanfel can be used in conjunction with a prescribed steroid medication. This combination provides complete relief for someone who has a severe case, and reduces the incidence of the “rebound effect” that sometimes happens when the steroid wears off.

1. Fisher AA. Poison Ivy/Oak/Sumac Dermatitis. Part 1: Prevention – Soap and water, topical barriers, hyposensitization. *Cutis* 1996; 57:384-386.
2. Davila A, Lucas J, Laurora M, Jacoby J, Reed J, Heller M. A new topical agent, Zanfel, ameliorates urushiol-induced Toxicodendron allergic contact dermatitis. *Ann Emerg Med* 2003; 42(4) Suppl: S98
3. Stankewicz H, Cancel G, Eberhardt M, Melanson S. Effective Topical Treatment and Post Exposure Prophylaxis of Poison Ivy: Objective Confirmation. *Ann Emerg Med* 2007; 50(3) Suppl: S26-S27

Poison Ivy Facts And Myths

MYTH 1: The blister fluid of poison ivy reactions can spread dermatitis from one part of the body to another and from one person to another.

FACT 1: The blister fluid does not contain urushiol and cannot spread the rash. Patch tests with this fluid cause no reaction.

MYTH 2: The rash of poison ivy spreads from one part of the body to another.

FACT 2: Approximately 60 minutes after exposure, the poison ivy plants’ oil (urushiol) has been absorbed down into the skin, and has bonded with skin cells. Only unabsorbed urushiol can be transferred from one part of the body to another. The rash only “seems” to spread because different areas of the body have different thicknesses of stratum corneum (the outer layer of skin) leading to different rates of absorption of the poison ivy toxin, different amounts of ultraviolet exposure (that can reduce skin white blood cell activity), and different amounts of urushiol present. Therefore, some affected areas of the body may break out up to several days later than others.

MYTH 3: Antihistamines help the rash and itching of poison ivy related contact dermatitis.

FACT 3: No study has ever demonstrated that the rash or itching of poison ivy (urushiol) contact dermatitis is affected by antihistamines. In fact, at least one study has shown that they do not help. Histamine has not been demonstrated to be an important mediator of itching in any form of dermatitis. Sedating antihistamines, however, can make patients sleepy and notice their itching less.

Zanfel’s Upcoming Events

Please stop by to see us at the Zanfel booth if you’ll be at any of these events:

- August 26 - 29
Voluntary Protection Programs Participants Association Safety Conference and Symposium,
New Orleans, LA
- September 12
Roadside Vegetation Management Conference,
Pella, IA

- September 14 - 16
Masters of Wilderness Medicine Conference,
Stowe, VT
- September 17 - 19
Modern Day Marine Expo, Quantico, VA
- September 25 - 27
Boy Scouts of America – National Outdoor Conference, Philmont Scout Ranch,
Cimarron, NM
- September 29 - October 1
Emergency Nursing 2019 Conference,
Austin, TX

Zanfel Facebook Contest

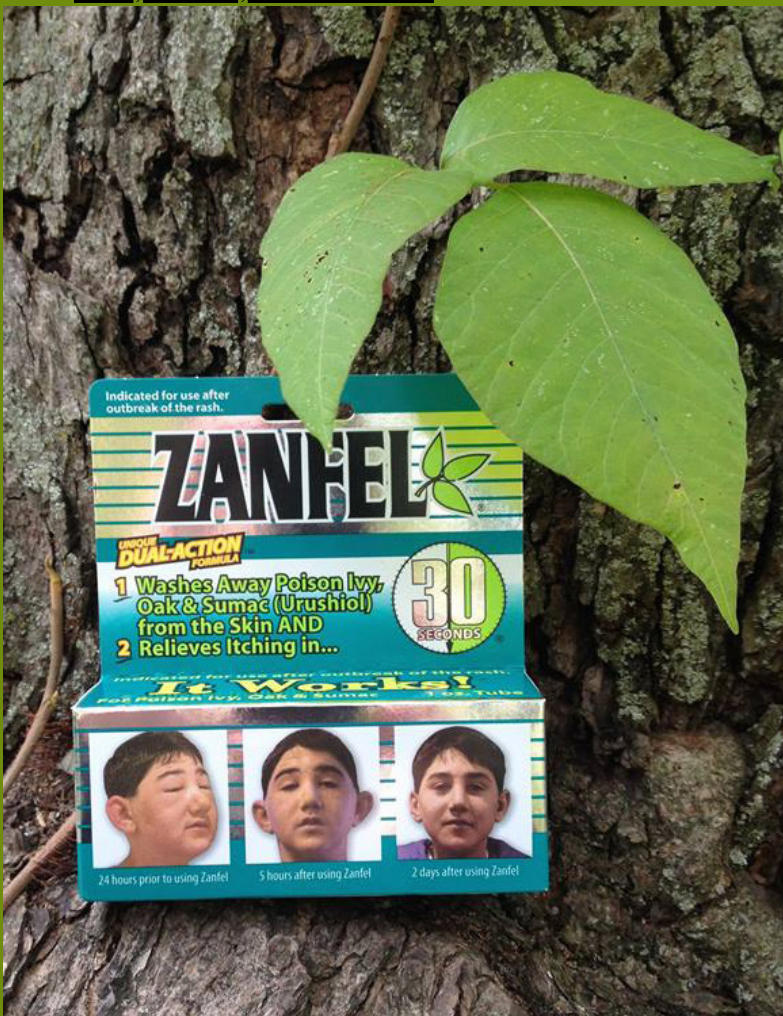


Please follow us on Facebook, where we'll post some great tips on poison ivy, oak, and sumac plant identification, rash prevention, and rash treatment.

<https://www.facebook.com/Zanfel/>

1. Click on the above link.
2. **Like & Follow** Zanfel's Facebook page.
3. Then go to our most recent Facebook post and write "**Zanfel Zone**" as a comment.

The first 25 people to Like, Follow, and Comment win a Free tube of Zanfel Poison Ivy Oak & Sumac Wash. You must **Like, Follow, and Comment** in order to win.



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