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Products for Itchy, Flaky or Bumpy Scalps

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Saturday, March 14, 2015

Medicated Shampoos, Conditioners, Co-washes and Treatments For Itchy Scalp, Dry Scalp, Seborrheic Dermatitis (List)

Below is a list of medicated shampoos and conditioners for troubled scalps, sorted by product type and active ingredients. If you have **dry scalp** - see the end of this post for ideas (scroll to the end).

Many of these shampoos have herbal ingredients which can either soothe, irritate (or do absolutely nothing). Proteins may soothe a dry scalp, but can also be irritating for some people.

Essential oils like tea tree, rosemary, thyme, sage, (neem oil is going in small letters because it's so stinky) can be antifungal if used in adequate concentrations. But they can also cause sensitivity reactions or allergic reactions.

Sometimes detergents in dandruff shampoos can irritate already-irritated skin, however, there are some detergent-free options in this post and there are *medicated conditioners* at the bottom of the page for people whose skin or hair does not tolerate detergents. You can wash your hair and scalp with medicated conditioners.

Not everybody with itching will have flakes, not everybody with flakes will have itching. Some people get painful or itchy bumps instead - but the treatments are usually the same.

If you're not getting relief from any of these treatments, you may be reacting badly to fragrances, preservatives or some other ingredient in hair products. Or you may be dehydrating your scalp too much - see the final paragraph after the list.

And if you're trying lots of medicated shampoos and conditioners and topical treatments with no relief, please see a doctor or dermatologist if that is an option available to you. They can prescribe medications that may be more effective.

Lets talk about rotating treatments! If you are a frequent customer in the itchy or flaky or bumpy, scaling, patchy scalp department, there is a good chance you need to have 2 or 3 different medications that work on standby. Why? Because the fungus (Malasezzia) that is strongly implicated in scaling and flaking and itchy, unhappy scalps has many different variations, if not true sub-species, then like sub-species. For example, you might use a zinc pyrithione shampoo and it works now, but it may not work as well later on. It's possible that some fungi on your scalp that were causing the itch and inflammation were not affected by that medication - or they developed some resistance to it. Each medication has a slightly different method of "attacking" fungi and some methods work better on some fungi than others. So if that happens, you need a different medication to control these fungi the next time around. Some fungi will be controlled with zinc pyrithione, others will be controlled with ketoconazole or selenium sulfide. Sometimes sulfur will get the job done and sometimes salicylic acid (with or without sulfur) works best. Some people need to rotate between different outbreaks or flare-ups. Some people need to rotate every time they wash their hair. It's not fun, but it helps.

If you need to use medicated shampoo often and your scalp is not oily, or all the shampooing dries skin and hair - consider using a medicated conditioner as a "shampoo" - it won't lather but it might provide some relief. If you have dry or curly hair - you might love it.

The Active Ingredients: Look for the listed concentration. If concentration is not listed on the bottle - be wary, but it might still work.

Zinc pyrithione: Antifungal, may reduce scaling, may relieve inflammation. Effective at 1%, also effective at 0.5%, response may be slower than 1% (or not).

Tar: Slows proliferation of skin cells. Skin cells proliferate too quickly with dandruff - so you end up with scaling and flaking. Effective as 0.5% active tar.

Salicylic acid: Anti-scaling (remove scales and reduce flaking), can be anti-inflammatory and anti-septic. Effective at 1% to 1.5% and greater, sensitive skin may need 0.5% to avoid irritation. This exfoliates, so it may help with bumpy cysts if your scalp tolerates it.

Selenium sulfide: Antifungal, effective at 1%

Sulfur: Mild antifungal and antiseptic, anti-inflammatory, mild exfoliant. Effective at 2%

Ketoconazole: Antifungal. Effective at 1%, 2% is the most-effective, prescription dose (non-prescription outside the USA).

Tea tree oil: Anti-fungal, anti-septic when the concentration is adequate.

Rosemary oil, thyme oil, cedar oils: Anti-fungal, anti-septic, may promote healing.

Hydrocortisone: Inflammation is a critical part of the itchy-flaky scalp issue. Hydrocortisone reduces inflammation *and* relieves itching. Effective at 1%.

Piroctone Olamine: Antifungal, Effective at 1% (unless I find otherwise)

Note: This is organized by active ingredients. Also indicated are: Sulfate-free, silicones. Sulfates ("sulfate detergents," a class of anionic detergents) and silicone emollients/detanglers are *not* necessarily bad for itchy or scaly scalps, but some people avoid them so I'm just trying to help you narrow the field. "Sulfate-free" shampoos are not necessarily milder or non-drying.

Medicated Shampoos



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My Etsy shop for hair analysis.

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The information on this blog should not be substituted for advice from a doctor and is not intended to cure or treat disease.

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Popular Posts



Moisturizing Low Porosity Hair Updated May 2016 Low porosity hair is

not necessarily difficult hair or problem hair. It is hair that is easily kept in a healthy condit...

Oils - Which

Tar

Denorex Maximum Strength: Tar 1.8%, Sulfate-free Mill Creek Dandruff Control Shampoo: Tar 0.5%

Neutrogena T-Gel: Tar 0.5%

Tea Tree

Aubrey Organics, Scalp Rescue Shampoo, Tea Tree & Primrose: Tea tree oil, concentration unspecified: Sulfate Free

Jason Normalizing Tea Tree Scalp Normalizing Shampoo: Tea tree oil, concentration unspecified

Nature's Gate Tea Tree Calming Shampoo: Tea tree oil, concentration unspecified: Sulfate Free

Zinc Pyrithione

AG Control Anti-Dandruff Shampoo : Zinc Pyrithione 2%

Aveeno Nourish + Dandruff Control: Zinc Pyrithione 1%, contains silicones

Avlon KeraCare Dry & Itchy Scalp Moisturizing Shampoo: Zinc Pyrithione 1%

Clear Scalp Therapy shampoo: Zinc Pyrithione 1%, contains silicones

Derma Zinc Shampoo: Zinc Pyrithione 2%

DHS Zinc Shampoo: Zinc Pyrithione 2%, sulfate-free

DS Laboratories Danderene High Performance Anti-Dandruff Shampoo: Zinc Pyrithione 2%: Sulfate Free

Dr. Miracle's Cleanse & Condition 2-in-1 Dandruff Shampoo: Zinc Pyrithione 1%

Head and Shoulders Shampoos: Zinc Pyrithione 1%, contains silicones

Jason Dandruff Relief 2-in-1 Shampoo+Conditioner: Zinc Pyrithione (concentration unspecified)

Kenra Dandruff Shampoo :Zinc Pyrithione 1.9%

Mane N Tail Daily Control Anti-Dandruff shampoo: Zinc Pyrithione 1%

Matrix Scalptherapie Antidandruff Shampoo: Zinc Pyrithione (concentration unspecified) contains silicones

Neutrogena Daily Control 2-in-1: Zinc Pyrithione 1%, water-insoluble silicone, water-soluble silicone+wheat protein

Nioxin Scalp Recovery Cleanser: Zinc Pyrithione 1%, contains silicones

Noble Formula ZInc Shampoo: Zinc Pyrithione 2%, fragrance-free

Redken Scalp Relief Shampoo: Zinc Pyrithione (concentration unspecified)

Suave Dandruff Solutions Anti Dandruff Shampoo Coconut and Shea Butter: Zinc Pyrithione, contains silicones

Suave Dandruff Solutions Anti Dandruff Shampoo Mint and Eucalyptus: Zinc Pyrithione, contains silicones

Suave Professionals Men 2-in-1 Classic Clean Anti-Dandruff: Pyrithione 1%, contains silicones

Zincon: Zinc Pyrithione 1% sulfate-free

Salicylic acid

Avalon Organics Medicated Anti-Dandruff Shampoo: Salicylic acid 2%,

Denorex Extra Strength: Salicylic acid 3%, sulfate-free

Giovanni Don't Be Flaky Soothing Anti-Dandruff Shampoo: 2% Salicylic acid: Sulfate Free

Home Health Everclean Shampoo: 1.8% Salicylic acid, available in scented and unscented

Jason Dandruff Relief Shampoo: Sulfur 2%, Salicylic Acid 2%: Sulfate free

Mineral Fusion Anti-Dandruff Shampoo: 2% Salicylic acid: Sulfate Free

Neutrogena T-Sal: Salicylic acid 3%, sulfate-free

Pure & Basic Anti-Dandruff Shampoo Tea Tree and Rosemary: 2% Salicylic acid, sulfate-free, water-soluble silicone

Sebex Shampoo (generic for Sebulex): Salicylic acid 2%, Sulfur 2%

Shea Moisture African Black Soap Deep Cleansing Shampoo: Salicylic acid, concentration unknown, also tea tree oil. Sulfate Free (this contains soap which may or may not leave some residue if you have hard water)

Thicker, Fuller Hair Dandruff Sulfate-Free Shampoo: 1.8% Salicylic Acid: Sulfate Free

Sulfur

Jason Dandruff Relief Shampoo: Sulfur 2%, Salicylic Acid 2%: Sulfate free

Sulfur 8 shampoo: Sulfur

Sebex Shampoo (generic for Sebulex): Salicylic acid 2%, Sulfur 2%

Ketoconazole

Nizoral: Ketoconazole 1%, sulfate free

Regenepure: Ketoconazole 1%, sulfate-free, not suitable for vegetarians



Ones Soak In vs. Coat the Hair?
Updated: June

2016 Plant oils are emollients used to soften hair or add "plasticity" or pliability. Pliable hair bends easily without brea...

Oil Pre-Shampoo or Pre-Wash (And how to make it work for YOUR hair)

The previous blog post included information about how oil pre-shampoo treatments work. If your hair is at all porous - even just a tiny....

Silicone Ingredient Solubility

Silicone Solubility List Updated November 26, 2015 I compiled these lists based on information from ingredient manufacturers. If you wa...



Alcohol In Hair Sprays

I like hair spray now and then. Usually when I need to be

certain my hair will stay in place - whether up or down. There are times when bei...



pH and Your Hair. A little redox to make you happy. Here's what I

know and what

I think about pH and hair products. This is "redox" chemistry (oxidation and reduction). One of m...



Managing
Elasticity and
Porosity in Hair
Managing
Elasticity and
Porosity: "How

To" and a little of the science behind it. Elasticity is a hair character or property ...



Why Does White (or gray, light blonde, highlighted) Hair Turn Yellow: And

what to do about it

This applies to white or gray, highlighted and blonde or light brown hair that may tend to become brassy or develop an unnatural color tint...

Film Forming Humectants -What They Are and Why You Need Them

What is a film-forming humectant? It's a term for a group of ingredients that are moisturizers par excellence! Especially for hair tha...



Gelatin Protein Treatment Recipe Update

I created my gelatin protein treatment

recipe in the summer of 2010 and I've been using it ever since to reduce the frizz in my w...

About Me

Boots Anti-Dandruff Ketoconazole shampoo: Ketoconazole 2% - this is a UK brand

Selenium sulfide

Head And Shoulders Clinical Strength: Selenium sulfide 1%, silicone Selsun Blue Medicated Dandruff Shampoo: Selenium sulfide 1%

Hydrocortisone

Dr. Marder's Total Relief Shampoo: 1% Hydrocortisone, Sulfate-free

See the "Spray, liquids, gels and DIY list below for more treatments with hydrocortisone

Piroctone Olamine

Alpecin Dandruff Killer Shampoo, also contains salicylic acid and zinc pyrithione

Pilfood Dandruff Shampoo

SebaMed Anti Dandruff Shampoo

Hegor Shampoo for Persistent Dandruff (European brand): Piroctone Olamine and Pyrithione zinc

Davine's Natural Tech Purifying Gel: Zinc Pyrithione 0.48%, Piroctone Olamine

Medicated Conditioners and Co-washes:

Avalon Organics Medicated Anti-Dandruff Conditioner: Salicylic acid 2%

Avlon KeraCare Dry & Itchy Scalp Moisturizing Conditioner: Zinc Pyrithione 1%, Contains silicone

Dr. Marder's Total Relief Conditioner: Zinc Pyrithione 1%, contains an "evaporating" silicone - less likely to build up on hair

Giovanni Don't Be Flaky Nourishing Conditioner: Salicylic acid 2%

Head and Shoulders Conditioners - not "2-in-1 shampoo plus conditioner," that is shampoo (Itchy Scalp Care, Classic Clean, Damage Rescue, Green apple, Instant Relief): **Zinc Pyrithione 0.5%**, contains silicones

Head and Shoulders Moisture Care Co-Wash: Zinc Pyrithione 0.5% Contains silicone

Jason Normalizing Tea Tree Conditioner: Tea tree oil, concentration unspecified

Mane N Tail Daily Control Anti-Dandruff Conditioner: Zinc Pyrithione, contains silicone

Nature's Gate Tea Tree Calming Conditioner: Tea tree oil, concentration unspecified

Suave Scalp Solutions Anti-Dandruff conditioner Coconut and Shea butter: Zinc Pyrithione, contains silicone

Sulfur 8 Medicated Light and Original formula hair/Scalp conditioner: 2% sulfur - this is not a creamy hair conditioner, it is petrolature-based

Shea Moisture African Black Soap Purification Masque: Salicylic acid, concentration unspecified, also neem and tea tree oil, concentration unspecified

Shea Moisture African Black Soap Balancing Conditioner: Salicylic acid, concentration unspecified, tea tree oil, concentration unspecified

Yes To Carrots Scalp Relief Conditioner: Tea tree oil, concentration unspecified, Salicylic acid, concentration unspecified

Non-Shampo Sprays, Liquids, topical gels or creams and DIY treatments:

Davine's Natural Tech Purifying Gel: Zinc Pyrithione 0.48%, Piroctone Olamine

Derma Zinc Cream: Zinc Pyrithione 0.25%

Essential oil treatments, mixed into oil and left on for a little while before washing, or mixed into your favorite shampoo:

Mix 3-5 drops of tea tree oil or rosemary essential oil or thyme essential oil or cedar essential oil into 1 tablespoon (15 ml) of oil such as olive oil. Apply to the scalp, leave on 10-30 minutes and shampoo out.

Mix 3-5 drops of tea tree oil or rosemary essential oil or thyme essential oil or cedar essential oil into 1 tablespoon (15 ml) of shampoo or conditioner and use as you normally would - allow the shampoo or conditioner to stay on your scalp for several minutes before rinsing.

3-5 drops of essential oil = up to 1/16th of a teaspoon, 0.15 ml-0.25 ml

Miconazole nitrate creams (for the scalp is an off-label use as an anti-fungal, use at your own discretion)

Noble Formula Zinc cream: Zinc Pyrithione 0.25%

Psoriasin gel: Tar 1.25%

Scalpicin 2-in-1: Salicylic acid 3%

Scalpicin Maximum Strength: **Hydrocortisone 1%**Selsun Blue Scalp Itch Treatment: **Hydrocortisone 1%**

Shea Moisture African Black Soap Dandruff and Dry Scalp Elixir (Spray for the scalp): Salicylic acid, concentration unspecified, tea tree oil concentration unspecified

Tolnaftate Creams or liquid (for the scalp is an off-label use, use at your own discretion)



This is a science-based informational

blog about

hair care, (sensitive) skin and allergies and anything else that comes up. I work with soils, plants, prehistory and horticulture, mix in some chemistry and a lot of ecology and that is my approach to pretty much everything. I prefer having good questions to knowing all the answers. So I edit my posts when I find new information.

View my complete profile

DRY SCALP? Got an especially dry or itchy scalp? Scalp needs soothing?

Wash only as often as you need to to keep ahead of itching. Just wetting and drying our skin creates irritation, so don't wash your hair/scalp unless it's dirty or looks bad or is getting more itchy when you

Look for balanced shampoos and conditioners. "Balanced" in a shampoo means:



- 1. Look for more than 1 detergent (that makes it milder). For example, sodium lauryl sulfate + cocamidopropyl betaine or C14-16 Olefin sulfonate + cocamidopropyl betaine; any of these + decyl glucoside, or combined with Sodium Cocoyl Isethionate
- 2. You probably want some conditioning ingredients like cetrimonium chloride, polyquaternium ingredients, some emollients like plant oils or glycol distearate, sucrose cocoate, PEG-cocoate or silicones to soften skin make detergent less irritating.
- 3. You also want humectant ingredients which can act as anti-irritants that will help your scalp retain moisture and reduce irritation like polyquaternium-7, panthenol, sodium PCA, glycerin, hydroxypropyltrimonium honey, aloe, propanediol, glycine betaine, urea or allantoin. These can be great for your hair too.
- 4. In conditioners (if you put those on your scalp), look for the same things aside from conditioning ingredients, look for those irritationreducing humectants to round out protection for your scalp.
- 5. Try applying some oil (avocado, olive, jojoba...) to your scalp or a little fragrance-free skin lotion 10 minutes before you wash your hair. This softens the skin and protects it from the drying effects of washing. CAUTION: If you have a fungal component to your scalp troubles, oil can make it worse. Dry scalp can actually be a by-product of an "ecosystem imbalance."

If you live in a dry or windy area, protect your scalp from the wind because that can be so drying to skin - even a light scarf provides a good barrier



Labels: Dandruff shampoo list, Dry scalp, itchy scalp, medicated conditioners, medicated shampoos, Seborrheic dermatitis shampoo list, selenium sulfide shampoo, Sulfur shampoo, zinc shampoo

17 comments:



Rene March 23, 2015 at 3:45 PM

This is an amazing post. While I don't have dandruff problems, this is a great reference!

Reply



Akania July 29, 2015 at 11:46 AM

Neem oil works for itchiness like nothing but the stench. Oils that tone it down: citronella, lemongrass, peppermint, ylangylang, patchouli, vetiver. Vetiver is a strong smell though, my favourite is a mixture of peppermint, ylangylang and petitgrain. I suspect menthol will work as well haven't tried it yet though. Use neem like an essential oil few drops only. First time I used it like a carrier oil. Lol. Don't bother with lavender or rosemary.

Reply



Darkhorse August 13, 2015 at 11:21 PM

I have suffered from SD for years, and had a severe case that caused hair loss (I had a ton of hair so it wasn't too noticable, other than cleaning up clump fulls from my floor).

SD is a fungus that lives under the scalp. This is why any of the above shampoos are meant to SIT on the scalp for a period of time so that it is absorbed by the skin.

These factors are what I learned for my case:

Severe cases that have silver scales and bleed when scratched require a medical professional---OTC items will not work.

Any remedy may CAUSE itching. Like a cut, itching is a sign of healing. When I used Nizoral, I found my scalp itched like mad --- the pharmacist explained that was it healing. I was able to return to Head and Shoulders and my scalp was much happier. (disclaimer: Nizoral is NOT recommended for color treated hair, Head and Shoulders is alleged to be color safe-I have had no issues with Head and Shoulder, but my hair is dark)

Not shampooing daily caused me far more grief: The fungus that SD lives on is oil/excess sebum. Not washing that away daily, for ME, caused me to have a far angrier scalp than trying to stretch washes. Returning to washing daily has made my scalp VERY happy.

When itching is unbearable, I HAVE found a cold water rinse soothing/helps.

any dandruff shampoo will cause those with long hair to have the ends become drier. I highly recommend doing condition on the ends, wash, then re-condition.

stress, high carb diet (white breads, pastas etc) and fatty foods can cause flares.

Best of luck!!!

Reply



Jaleesa Dorsey October 6, 2015 at 11:27 PM

Do you know where I could buy piroctone olamine? I make my own products and would like to incorporate it a shampoo.

Reply

Replies



WS October 11, 2015 at 4:45 PM

Jaleesa.

I don't know of a place for people to buy this ingredient as a raw material in small quantities. It may be classified as a pharmaceutical and therefore not be sold to the general public, and it is not commonly used. Wholeaslers like Alibaba do sell it, but that is more than most of us who make our own products want to get into.

Reply



Miriam Kat December 17, 2015 at 12:21 AM

I'm having serious bad dandruff..no itching at all just really bad white flakes all over..its super embarassing!! what do I do???

Reply

Replies



WS December 17, 2015 at 12:50 PM

Hello Miriam,

If you have just flakes (and they're not flakes from products) near your scalp - the first thing to try is switching shampoos or cleansers (or conditioner). Especially if you recently changed products - sometimes a new product can cause flaking. If it's causing flaking, it's causing irritation, but you don't always feel it right away. Switching back to a product that you used when you did not have flaking can tell you a lot about what to do next.

If that is not the case for you, then you might try one of the products with salicylic acid which is very good for reducing flaking to see if that helps. The products with zinc pyrithione are also helpful for reducing flaking - sometimes they take a little longer to work, sometimes not. Any of these remedies can help reduce flaking, which one works will depend on your scalp and the product.

I prefer things I can put on my scalp and then wash off with my usual cleanser because I can get a longer treatment time and still use my own cleanser. But those take a few minutes to application and a lot of hair manipulation to get them on the scalp. If you prefer the simplicity of a shampoo or co-wash, start there.

Make sure you're not drying out your scalp - look for mild, conditioning shampoos (those for color-treated hair can be a good choice), if you live in a dry or cold climate, protect your scalp from the cold air and wind with a hood or hat.

Good luck!

Reply



Missy January 17, 2016 at 12:05 AM

Zincon has both sodium laureth sulfate and sodium lauryl sulfate in it. This should be edited to reflect that error.

Reply

Replies



WS January 17, 2016 at 7:30 PM

The one at my local store has no sulfate detergents, nor do the ingredient lists I can find online. But you never know when a product might go and change formulas.



Missy January 18, 2016 at 5:42 PM

I'm scared to buy online, as listed it shows both sodium lauryl and laureth sulfates in it. I can't find it locally in a drugstore, so I'm scared to purchase. I've never found a zinc shampoo without a sulfate! I want to buy it to bad if it's truly sulfate-free!



Missy January 18, 2016 at 5:44 PM

These were the inactive ingredients I found for Zincon online:

Citric acid, cocamide MEA, deionized water, FD&C Blue 1, fragrance, glycol distearate, magnesium aluminum silicate, Methylchloroisothiazolinone, Methylisothiazolinone, propylene glycol, sodium chloride, sodium laureth sulfate, sodium lauryl sulfate.

Reply



Missy January 17, 2016 at 12:59 AM

I've been going through this list for hours, researching the ingredients. A few of these I actually have in the house, and can confirm that Nizoral is indeed not sulfate free. It has SLS/SLES in it.

Reply



Missy January 17, 2016 at 1:02 AM

Also Regenepure DR (Ketoconazole) contains dimethicone.

Reply



Jennifer February 26, 2016 at 8:09 AM

Are there any shampoos/conditioners like these that are also fragrance free. Right now dr. believes flakes are from allergy to fragrance, but the healing process is very slow so the itching/flaking is very bad.

Reply

▼ Replies



WS February 29, 2016 at 4:11 AM

Some of these are fragrance-free. Noble Formula Zinc shampoo is fragrance-free (I found it quite drying, though). I think Zincon is fragrance-free - but check the label. Home Health Everclean shampoo (salicylic acid) is available in unscented. I know - it's crazy that there are fragrances in shampoos for troubled scalps! But so many people think consumers won't buy a product that isn't pleasant to use. And so many consumers won't.

I have a list of fragrance-free shampoos at the end of this post (copy and paste): http://science-yhairblog.blogspot.com/2011/12/itchy-scalp-some-easy-remedies.html

Personally, I use some of the DIY remedies or the topical antifungal creams and wash it out after 10 or 15 minutes with a mild, fragrance-free shampoo.

My family want through a lot of over-the-counter shampoos and some very expensive prescription shampoos, only to find that they all caused more inflammation or severe dryness and then further itching due to irritating ingredients or over-cleansing. Good luck! Finding a good product when they all seem to be formulated "wrong" is very frustrating.

Reply



vpqmom April 5, 2016 at 5:53 PM

2 products listed on this page under the Pyrithione Zinc shampoos as "sulfate-free" actually list sulfates in their ingredients.

Reply

Replies



WS April 7, 2016 at 3:04 PM

Always double-check ingredient lists. Sometimes the ingredient list I consulted is out of date, sometimes stores stock old products with different ingredients.

Reply

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