

smoother skin every day

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dermalogica



introduction

Daily exfoliation is essential for smooth, healthy-looking skin but it's not one-size-fits-all. Because everyone's skin is different, we all have different needs – that's why it's important to find the right exfoliant. The wrong exfoliant can be hard on your skin and overdoing it can strip skin of its natural oils and cause breakouts, increased sensitivity, or dry, flaky skin.

But what if there was a reliable exfoliant for smoother, brighter skin that helped minimize the risk of compromising skin health? Dermalogica's innovative **powder foliants**, or "**foliants**," are made up of a combination of physical, enzymatic, and chemical exfoliants that support smoother, brighter, healthier-looking skin every day.

As the first powder exfoliant ever, **Daily Microfoliant** has won several awards and continues to be one of the most requested products from Dermalogica around the globe. This iconic product smooths and brightens skin with a rice-based powder formula. Similarly, **Daily Superfoliant** is a charcoal-based powder exfoliant that resurfaces skin, adsorbing environmental pollutants and helping to fight the pollution that leads to early skin aging. New **Daily Milkfoliant** is a calming exfoliating powder that smooths and soothes different skin conditions. Packed with Oat, Coconut, and botanical extracts rich in Alpha Hydroxy Acids (AHAs) and Beta Hydroxy Acids (BHAs), a splash of water transforms this powder to a rich, creamy lather that gently polishes away dead skin cells. This vegan formula removes dulling surface debris for a more even skin tone and texture, while nourishing essential minerals soothe skin, and Saccharide Isomerate and Hyaluronic Acid work to replenish the moisture barrier for more hydrated, healthy-looking skin.

the science behind exfoliation

what is exfoliation?

All too often consumers have the wrong idea about exfoliation, they may be concerned it can cause breakouts, feel rough and uncomfortable, or leave their skin feeling dry. Consumers often mistakenly associate exfoliation with harshly removing layers of unwanted dead skin build up, leaving their skin feeling sensitized and looking red. But did you know that when you exfoliate properly, you're encouraging your skin to facilitate a biological process, called desquamation? It is the body's natural process of exfoliation, or the shedding of dry, old, hardened skin cells so new cells can come to the surface.

At Dermalogica, we use chemical, physical, or a combination of active ingredients within each of the foliant formulas to help mimic or speed up the skin's natural desquamation process.

- **Physical** exfoliants polish the skin and buff surface cells away using **grains or fine powders**. The level of abrasiveness is determined by the type of grain or powder used.
- **Chemical** exfoliants dissolve the glue between cells to help them detach without a scrubbing action. These types of exfoliants use **enzymes and hydroxy or fruit acids** to achieve the same effect but without the abrasion.

why do we need to exfoliate our skin every day?

Daily exposure to UV radiation, weather, pollution, and aging can result in skin that looks lackluster, dry, and flaky. Whether it's your lifestyle or you've been cutting corners with your skin care routine, daily exfoliation can improve dull-looking skin and create a glowing, healthy-looking complexion.

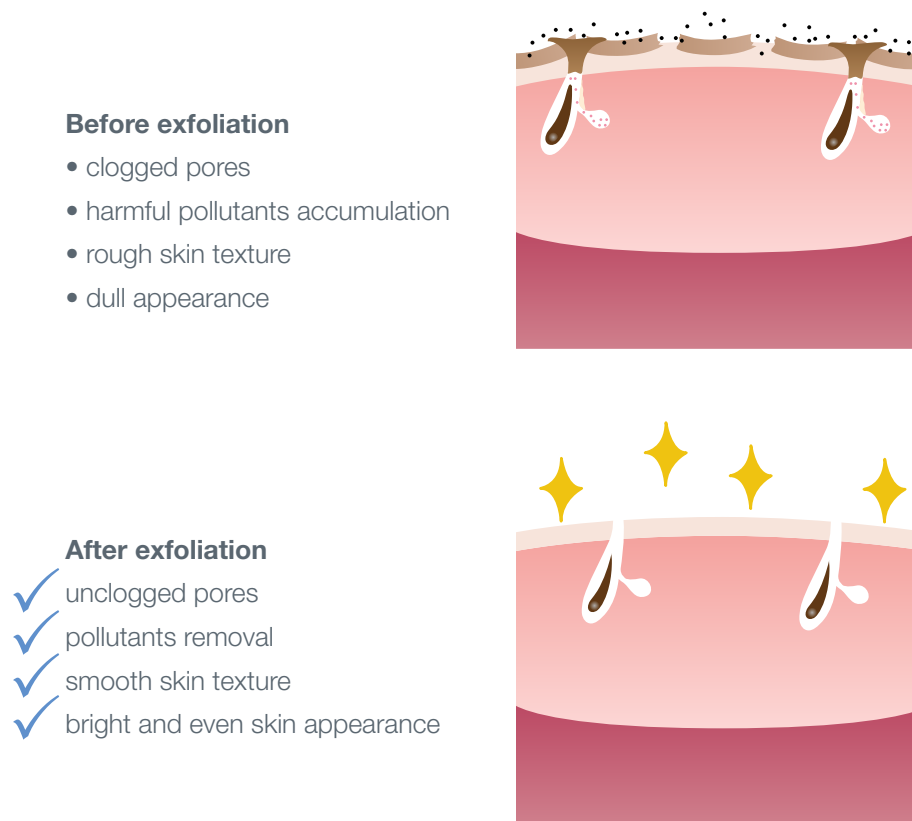


Figure 1 – before and after skin exfoliation

Harnessing the power of powder exfoliants can help bring your skin's natural radiance to light. Each of the foliants is designed with an emphasis on different benefits, combining unique blends of physical, chemical, and enzymatic exfoliating powders that work together to gently yet effectively polish away dead skin cell buildup. These transformative formulas are gentle enough for daily use and help support smoother, brighter, healthier-looking skin.

You may recall that the Stratum Corneum (SC) is packed with approximately 10-30 layers of flat dead skin cells called corneocytes that are bound to one another through adhesive structures called corneodesmosomes. Corneocytes organize themselves in a stacked arrangement, like brick-and-mortar, in which the corneocytes serve as the bricks and the mortar is the extracellular lipid matrix between the cells. The lipid matrix provides barrier protection to the skin. The SC serves as the skin's main barrier to protect against external irritants and environmental damage as well as aiding in maintaining hydration.

Remember that word from earlier, desquamation; to be more specific this happens when the links between corneodesmosomes and the top layer of the SC are broken by AHA/BHA and dissolved by enzymes.

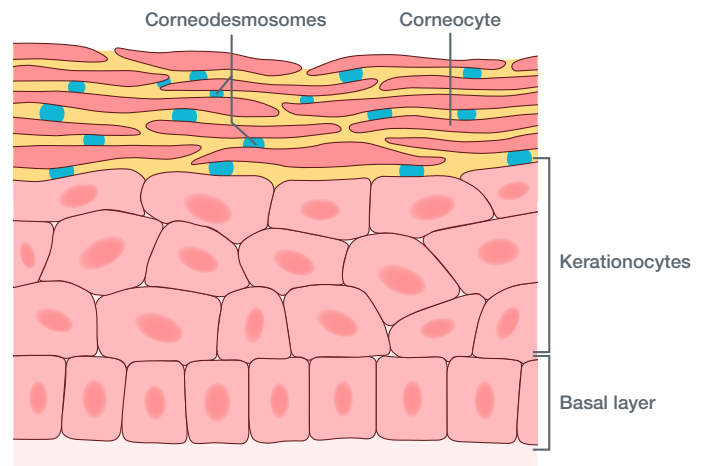


Figure 2 – Stratum Corneum layers

During the natural desquamation process, new cells are generated deep in the basal layer of the epidermis and migrate up to the skin's surface, causing the stratum corneum upper layers to slough off and be replaced with new skin.

When this process is slowed down due to aging, dead skin cells build up on the surface resulting in dull, dry, and rough skin. A slowdown in desquamation can also negatively affect the skin's absorption of other treatment products like serums and moisturizers.

What if you could microfoliate every day to continually remove dead skin cells and encourage natural desquamation? This will help to remove the build-up comprised of partly detached cells on the free surface of the SC. This thin, dead layer of keratinized cells is the culprit behind dull-looking and rough-feeling skin. Therefore, proper daily exfoliation, particularly using a gentle exfoliating powder with enzymes and chemical exfoliants, is important to polish the skin while helping to maintain its protective barrier properties.

how does it benefit our skin health?

- smooths and improves skin tone
- helps maintain a healthy desquamation rate
- enhances skin's absorption of treatment products
- brightens the appearance of hyperpigmentation

Each customer's complete daily skin care routine will depend upon face mapping skin analysis performed by a professional skin therapist. The skin therapist may recommend daily exfoliation combined with regularly scheduled professional services to deliver the best results.



behind the bottle: key ingredients

daily microfoliant

key ingredients and benefits

Daily Microfoliant contains a unique rice-based enzyme powder and a botanical brightening complex that gently microfoliate dulling debris, leaving the skin noticeably smoother and brighter. Activated upon contact with water, the rice-based powder releases Rice Enzymes, which along with Papain and Salicylic Acid help remove excess dead skin cells. A Skin Brightening Complex of Phytic Acid from Rice Bran, Grapefruit and Licorice helps balance uneven skin tone.

daily superfoliant

key ingredients and benefits

This charcoal-based formula provides triple-action adsorption along with physical, chemical, and enzymatic exfoliation, helping to remove pollutants that have built up on skin throughout the day. Activated upon contact with water, this formula releases enzymes, skin-resurfacing alpha hydroxy acids and anti-pollution technology. With Activated Binchotan Charcoal, it purifies the skin, helping adsorb environmental toxins from deep within the pores, while Niacinamide, Red Algae, and Tara Fruit Extract provide antioxidant protection to the skin and help guard against the damaging effects of pollution.

daily milkfoliant

key ingredients and benefits

Daily Milkfoliant is our newest powder exfoliant. It's a gentle oat-based exfoliating powder that helps restore smoother, softer, more vibrant skin while maintaining the skin's moisture barrier. This vegan milky powder exfoliant and a blend with fruit-based Grape Extract and Arginine, rich in Alpha Hydroxy Acids (AHAs) and Beta Hydroxy Acids (BHAs), work together with Coconut Milk for smoother, softer skin. A naturally-derived plant Saccharide Isomerate works with Atomized Sea Salt, rich in nourishing essential minerals Magnesium and Potassium, and Hyaluronic Acid to help support the skin's moisture barrier.




Foliant	Key Benefits	Key Ingredients	Texture
Daily Microfoliant	<ul style="list-style-type: none"> • Smooths • Brightens • Evens skin tone 	<ul style="list-style-type: none"> • Licorice, Rice and Grapefruit • Rice bran and Rice Extract • Papain and Salicylic Acid 	
Daily Superfoliant	<ul style="list-style-type: none"> • Smooths • Resurfaces • Detoxifies 	<ul style="list-style-type: none"> • Rice bran, Activated charcoal, papain + lipase + subtilisin • Lactic + Malic Acid • Red Algae, Tara extract, Niacinamide 	
Daily Milkfoliant	<ul style="list-style-type: none"> • Smooths • Replenishes • Calms 	<ul style="list-style-type: none"> • Fruit-based + arginine extract, papain extract • Saccharide isomerate, Oat bran, Hyaluronic Acid • Coconut milk, atomized sea salt 	

Figure 3 – foliants table with benefits, ingredients, and texture

science strategy behind daily milkfoliant

This new rinse-off powder exfoliant is packed with unique ingredients with different functions to gently exfoliate the dead skin cells and to **smooth, replenish and calm** the skin.

This formula combines **fine Oat powder** for a mild physical exfoliation with **Papain** and a **fruit-based Grape Extract and Arginine** blend containing AHA and BHA, which are well-known chemical exfoliants. Together they provide a gentle, yet effective exfoliation by sloughing off dulling surface debris.

After exfoliation, it's important to replenish the skin with hydration and nourishing molecules to restore moisture and strengthen skin's barrier. This can be achieved with **Saccharide Isomerate**, a moisture-magnet ingredient, and **Hyaluronic Acid**, a well-known natural moisturizing factor for its hydration booster effect. **Saccharide Isomerate** is a plant-derived carbohydrate complex, similar to that found in human skin. It has the power to bind to the skin stronger and longer providing immediate and long-lasting hydration. Its moisture-magnet ability helps reinforce skin's moisture barrier by forming a film on the skin that remains after wash off, which aids in reducing trans-epidermal water loss (TEWL), thereby preventing skin dryness, even after washing off. It also shows prebiotic benefits to help balance skin microbiome for improved skin barrier function.

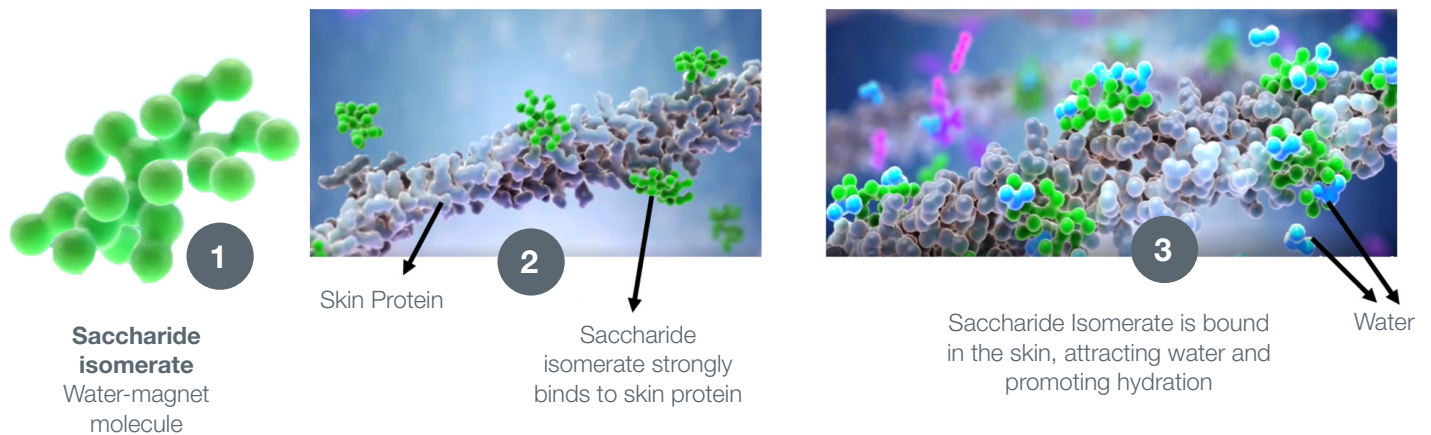


Figure 4 – Saccharide Isomerate interaction with the skin and water to promote hydration

Vegan **Coconut Milk Powder** rich in lipids and Vitamin E helps to replenish the skin and contribute to the overall smoothness and conditioning effect.

Equally important is incorporating actives into Daily Milkfoliant that soothe and calm skin. **Oat Bran Extract**, contains antioxidant components (e.g., flavonoids, tocotrienol) as well as avenanthramides, which are potent phenolic molecules that exhibit calming and soothing benefits. Adding **Atomized Sea Salt**, rich in minerals, can calm and comfort the skin, thanks to its high level of Magnesium. Daily exfoliation with Daily Milkfoliant results in a smoother, stronger, soothed skin.



Figure 5 – Daily Milkfoliant ingredients effect on skin

key ingredients

The peaceful way to exfoliate: The addition of water into the powder formula activates the ingredients described below to transform this powder into a gentle exfoliating cleanser.

Fine Oat powder is a physical exfoliator that gently scrubs out the impurities from your skin and helps loosen dead skin cells.

A blend with **fruit-based Grape Extract and Arginine** is obtained from the fermentation of brewer's yeast and grape extract. This natural blend containing AHA, BHA, Arginine and Saccharomyces Ferment, provides gentle chemical exfoliation while improving overall skin smoothness.

Papain Extract, derived from Papaya fruit, helps remove dead skin cells through enzymatic exfoliation thereby facilitating cell turnover.

Saccharide Isomerate works as a moisture magnet forming a film on the surface of the skin, boosting skin's hydration and helps reinforce skin's moisture barrier through a reduction in trans-epidermal water loss (TEWL), thereby preventing skin dryness, even after washing off. With prebiotic properties, it also helps to balance skin microbiome for improved skin barrier function.

Hyaluronic Acid is a well-known natural moisturizing factor that aids in improving skin's hydration.

Coconut Milk Powder rich in lipids and Vitamin E contributes to the overall skin smoothness and conditioning effect.

Oat Bran Extract, rich in nourishing lipids and avenanthramides (phenolic molecules) is used for its softening and calming benefits.

Atomized Sea Salt contains essential minerals (e.g, Magnesium) with soothing properties.

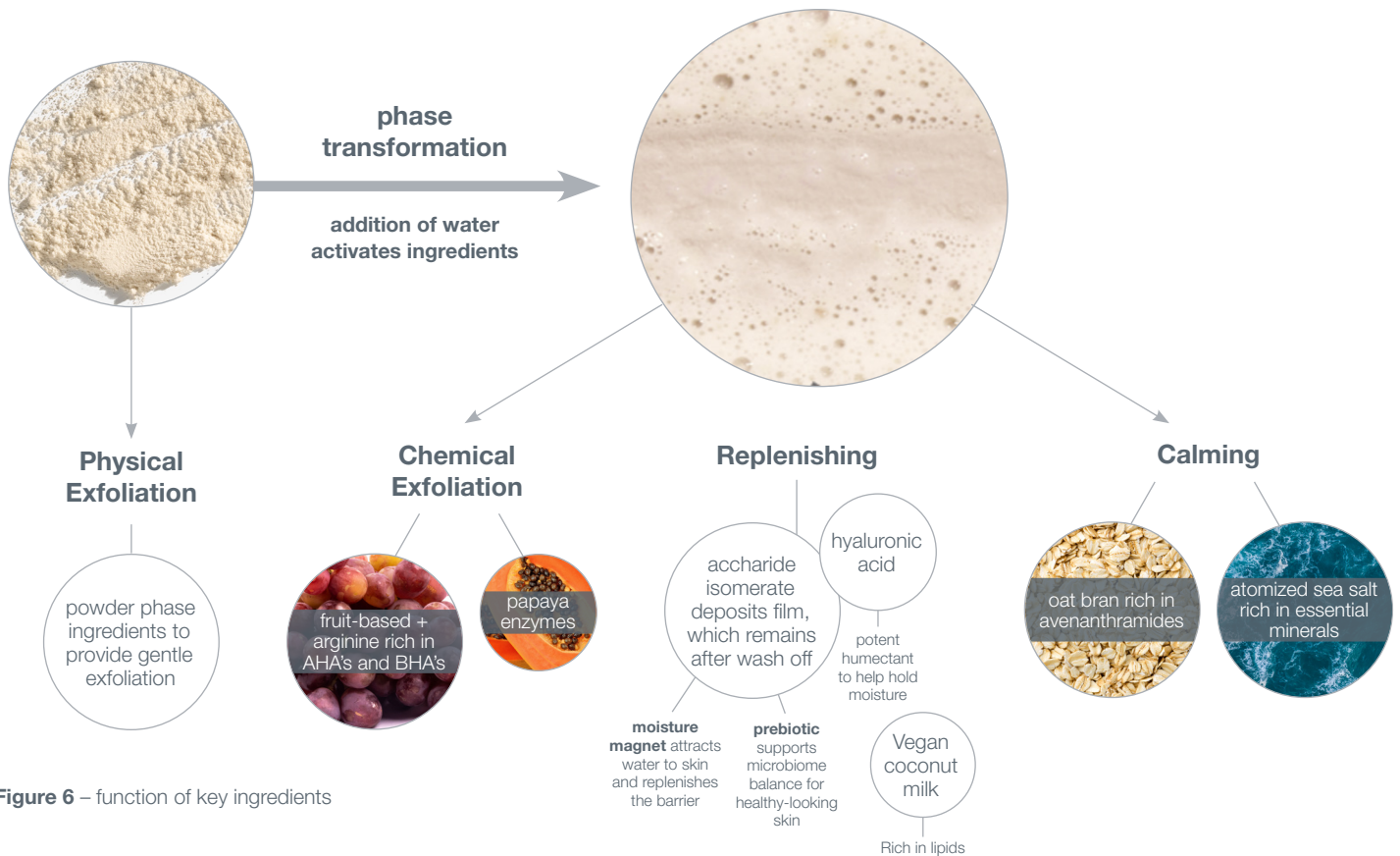


Figure 6 – function of key ingredients



daily milkfoliant at a glance

what it is

This calming, oat-based powder exfoliant activates upon contact with water, releasing botanical extracts to help polish away dead skin cells for softer, smoother, more vibrant skin.

why your clients need it

Calming vegan exfoliating powder polishes skin while supporting the skin's moisture barrier.

benefits

- **Gently polishes** to reveal smoother, more vibrant skin
- **Replenishes** and supports skin's moisture barrier
- **Relieves** skin with calming and soothing ingredients

key ingredients

- **Fine Oat powder:** a physical exfoliator that gently scrubs out the impurities from your skin and helps loosen dead skin cells.
- **Fruit-based Grape Extract and Arginine:** this natural blend is obtained from the fermentation of brewer's yeast and grape extract. This natural blend containing AHA, BHA, Arginine and Saccharomyces Ferment,

provides gentle chemical exfoliation while improving overall skin smoothness.

- **Papain Extract:** derived from Papaya fruit, helps remove dead skin cells through enzymatic exfoliation thereby facilitating cell turnover.
- **Saccharide Isomerate:** works as a moisture magnet forming a film on the surface of the skin, boosting skin's hydration and helps reinforce skin's moisture barrier through a reduction in trans-epidermal water loss (TEWL), thereby preventing skin dryness, even after washing off. With prebiotic properties, it also helps to balance skin microbiome for improved skin barrier function.
- **Hyaluronic Acid:** a well-known natural moisturizing factor that aids in improving skin's hydration.
- **Coconut Milk Powder:** rich in lipids and Vitamin E contributes to the overall skin smoothness and conditioning effect.
- **Oat Bran Extract:** rich in nourishing lipids and avenanthramides (phenolic molecules) is used for its softening and calming benefits.
- **Atomized Sea Salt:** contains essential minerals (e.g., Magnesium) with soothing properties.

clinical test

An independent in - vivo test was carried out with:

- 30 subjects
- 1 week of duration (timepoints: baseline, 10min, 24h, 1 week)
- Application 1x/day for one week

Attributes	10 minutes	24 hours	1 week
smoothness	✓	✓	✓
luminosity	✓	✓	✓
tewl	✓	✓	✓
redness	✓	✓	✓

Significant improvement in smoothness and luminosity in all time points

skin barrier is preserved and so some redness is seen in all time points - mild and calming exfoliation

Figure 7 – table with summary of clinical results

TEWL – Transepidermal Water Loss measures the amount of water that evaporates from the skin. If there is no change on TEWL results this indicates that the skin barrier is preserved.

Redness – it measures any change on skin redness that can happen due to the skin reaction/irritation when in contact with some products. No change in color means no skin reaction or irritation.

These results demonstrate the efficacy of Daily Milkfoliant in smoothing the skin and improving its luminosity immediately, after 24hours and 1 week without compromising the skin’s moisture barrier or causing any redness in all tested time points.

lab experiment

An in vitro test was carried out to demonstrate the exfoliation efficacy of Daily Milkfoliant.

This product was applied on ex-vivo skin massaging the product for one minute and rinsing with water.

This measurement used a confocal microscope to quantify the number of corneocyte layers before (blue bar) and after using Daily Milkfoliant (gray bar).

The blue bar shows 2 layers of corneocytes have been removed after a single use of Daily Milkfoliant, which demonstrates its efficiency on removing layers of dead skin.

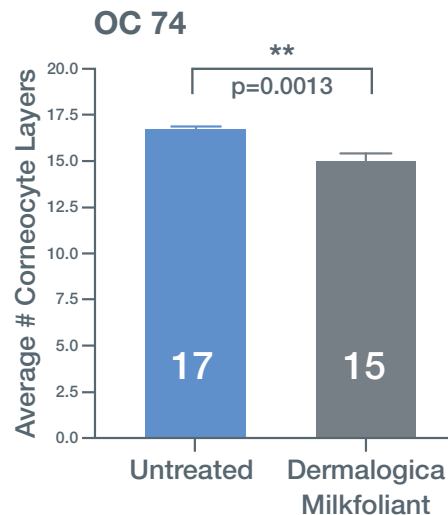


Figure 8 – graph with the number of corneocyte layers before and after exfoliation



daily microfoliant at a glance

what it is

Brightening exfoliating powder evens skin tone and polishes skin to perfection.

why your clients need it

This iconic rice-based enzyme powder with a botanical brightening complex microfoliates dulling debris and instantly leaves skin noticeably smoother and brighter.

benefits

- **Removes dulling surface debris** and evens skin tone
- **Reveals** brighter, smoother skin
- Gentle enough for daily use

key ingredients

- **Glycyrrhizate Glabra (Licorice), Oryza Sativa (Rice) and Citrus Grandis (Grapefruit):** brightening complex helps even skin tone.
- **Oryza Sativa (Rice) Bran and Rice Extract:** gently microfoliate the skin's surface to facilitate penetration of the brightening complex.
- **Papain and Salicylic Acid:** can help remove excess surface cells.



daily superfoliant at a glance

what it is

Resurfacing exfoliating powder delivers your smoothest skin ever while helping to fight environmental triggers known to accelerate skin aging.

why your clients need it

This highly-active, charcoal-based powder resurfacer delivers the smoothest skin ever, and helps fight the biochemical and environmental triggers known to accelerate skin aging.

benefits

- **Resurfaces and deep cleanses** for your smoothest skin ever
- **Adsorbs environmental pollutants** and helps detoxify pores
- **Helps fight pollution triggers** that lead to premature skin aging

key ingredients

- **Activated Binchotan Charcoal:** adheres to pollutants, allowing them to be easily removed from skin.
- **Niacinamide:** helps regulate sebum oil to prevent adhesion of pollution particles and related signs of skin aging.
- **Papain, Lipase and Subtilisin:** powerful, water-activated enzymes that help remove dead and dull skin cells.
- **Lactic Acid and Malic Acid:** skin-smoothing alpha hydroxy acids that break apart the snap-like bonds (corneodesmosomes) that hold dead skin cells (corneocytes) together.



PRO calm 60-minutes

phase 1: soothe + calm

- To soothe and prepare the client, begin the service by creating a relaxing environment with deep breathing. Apply 1 drop of the soothing additive to your hands for aromatherapy benefits. Have the client take a deep breath and exhale.
- Begin to stimulate the vagus nerve by massaging pressure points behind the ear. Using both hands at the same time, place all four finger pads behind each ear on the scalp then gently massage with circular movements. Continue this technique behind the ear working top to bottom to reduce anxiety and stress and to promote relaxation with a sense of calm.
- Finish with shoulder press and occipital press.

double cleanse:

1. UltraCalming Cleanser for first Cleanse.
2. Face Mapping.
3. UltraCalming Cleanser for second cleanse, remove with soft esthetic wipes or cotton.
pro tip: If skin is highly sensitized spritz the skin with UltraCalming Mist after cleansing or throughout the treatment as necessary.

resurfacing: (optional if skin can tolerate)

1. Dispense Daily Milkfoliant into a cup with water and mix to a foamy consistency. Add a few drops of Calming Botanical Mixer.
2. Apply to the skin with a fan masque brush and gently massage on the skin. Remove with damp esthetic wipes, cotton, or cloth.

phase 2: strengthen + restore

deep treatment:

1. Apply UltraCalming Serum Concentrate and then select technology option.
 - Use specific iontophoresis or ultrasonic tool to help penetrate the serum.
 - Or apply a combination LED light over the serum.
 - **Power down:** For heat in the skin use cool stones or cool jade roller over serum.
2. Next select Professional Masques based upon level of inflammation.
3. Remove masque with a damp cool towel, soft cotton or cloth.
 - **Mild Discomfort/Redness:** Colloidal Masque Base & UltraCalming Serum Concentrate with LED.
 - **Moderate Discomfort (compromised barrier):** Cooling Contour Masque layered with Colloidal Masque Base.
 - **Advanced Inflammation (heat and itching):** Clinical Oatmeal Masque mixed with Colloidal Masque Base.

touch therapy:

*Choose touch therapy before beginning treatment, this should have been defined through consultation and can then be confirmed during face mapping.

Option to perform pressure point massage if appropriate or lymphatic clearing depending on level of inflammation (please note you would only perform one touch therapy on the face to avoid over stimulation).

- **Lymphatic clearing:** rosacea, allergy and puffy skin, heat in the skin.
- **Pressure point:** general sensitivity.
- **Scalp relief:** ideal for high levels of stress or when you want to reduce touch on face due to touch sensitivity, irritation, or excessive redness.

phase 3: support + protect

dermal layering

1. Spritz UltraCalming Mist
2. Apply UltraCalming Serum Concentrate.
3. Apply skin specific moisturizer:
 - **Mild irritation/redness:** Calm Water Gel
 - **Moderate Inflammation (compromised barrier):** Barrier Repair + Melting Moisture Masque
 - **Advanced Inflammation (heat and itching):** Barrier Repair
4. Finish with Invisible Physical Defense SPF30

Widget: do we want to include the Daily Milkfoliant widget?

Make peace with your exfoliant at dailymilkfoliant.com

FAQs

Why should I exfoliate?

Exfoliation is one of the most important things we can do for our skin. When we exfoliate, we're relying on different combinations of chemical and physical ingredients to remove dead skin cells, dirt, and debris so we can achieve softer, smoother, healthy-looking skin.

Can I use an exfoliating powder every day?

Finding an exfoliant that works for our skin is essential for a smooth, healthy-looking complexion. Daily Milkfoliant is perfect for everyday use because it calms skin with soothing ingredients while it's polishing away dulling surface debris.

What's the best way to incorporate an exfoliating powder into my skin care routine?

Proper exfoliation starts with clean skin – that means the Dermalogica Double Cleanse. Start with PreCleanse and your preferred cleanser. After cleaning, exfoliate your skin every day. Simply dispense a half-teaspoon into wet hands. Create a rich, creamy lather and apply to face in circular motions. Avoid the eye area. Massage gently for one minute, rinse thoroughly, and repeat daily.

How is Daily Milkfoliant different from Daily Microfoliant and Daily Superfoliant?

While Daily Microfoliant is a rice-based brightening exfoliant and Daily Superfoliant is a charcoal-based resurfacing exfoliant, Daily Milkfoliant is a calming, oat-based powder exfoliant. This vegan, milky powder exfoliant features Oat and Coconut that activate upon contact with water, releasing botanical extracts rich in AHA and BHA to help polish away dead skin cells.