



## Sinus Rinse Packets

5.1 grams per packet

Patent Pending Formulation by  
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Ear, Nose & Throat Physician and Sinus Specialist

### INGREDIENTS:

Sodium Chloride, Xylitol, Sodium Bicarbonate,  
Polysorbate, Mullein Leaf, Cannabigerol (CBG).  
**THC Free. CBG extracted from HEMP.**

*This product is physician formulated and tested. Made and manufactured exclusively in the USA with premium ingredients. Use of this product is for adults 18+ only and should not exceed more than twice a day unless under the supervision of a physician. Not for use for those who are pregnant or nursing. Read entire directions before use of this product. Unauthorized use of this product is forbidden. This product and the efficacy of this product have not been reviewed or tested by the Food and Drug Administration.*

### FOR BEST RESULTS:

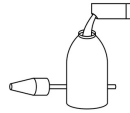
Nasal irrigation is effective only when properly performed. Maintaining cleanliness of the materials used is essential. Follow the instructions on any over-the-counter generic Sinus Rinse squeeze bottle. Always thoroughly clean the Sinus Rinse squeeze bottle prior to usage and allow it to dry thoroughly between uses.

### DIRECTIONS:

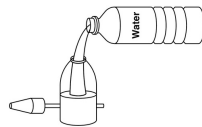
Use **SinusReLeaf™** ONCE or TWICE a day depending on symptoms and needs. Do not exceed more than twice a day unless under the supervision of a physician.

Formulation can be constituted using any over-the-counter Sinus Rinse squeeze bottle by dissolving one packet in approximately 8 ounces **of distilled/purified or bottled drinking water.**

1. Pour contents of **SinusReLeaf** Sinus Rinse packet into any over-the counter Sinus Rinse squeeze bottle.



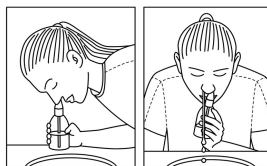
2. Fill the bottle with approximately 8 ounces (240mL) of **distilled/purified water or bottled drinking water**. Use lukewarm or room temperature water. (This can be achieved by warming the solution in the bottle carefully for approximately 15 to 20 seconds in the microwave, as wattages vary).



3. Shake the Sinus Rinse squeeze bottle until packet contents are fully dissolved and evenly dispersed in the liquid to create a formulation.



4. Squirt **SinusReLeaf** formulation fluid into one nostril of the nose (aiming nozzle of Sinus Rinse bottle outwards and upwards towards the eye on the same side as the nostril) while bending forward and facing downwards into the sink at a roughly 90-degree angle (so irrigation fluid does not go down the throat), until the rinse also flows out the other nostril.



5. Alternate use in each nostril until the entire bottle of **SinusReLeaf** irrigation fluid is used up.

### REMINDER: TO CLEAN THE SQUEEZE BOTTLE

**Clean Sinus Rinse squeeze bottle after every use:** Take the bottle apart and open the cap. Rinse with warm water and clean cap and bottle with a gentle/mild soapy solution. Completely rinse all soap out and leave the bottle open to ventilate and dry completely prior to next use.

### WARNINGS:

- Use for adults 18+ only, unless under the supervision of a physician.
- Use only as directed.
- **Xylitol can be toxic to dogs and other pets.**
- **Keep out of reach of children.**
- **Not for use for those who are pregnant or nursing.**
- Cannabigerol is **non-psychoactive** and **non-psychedelic (THC free)**, and has NOT been shown to induce or result in an altered mental state.
- Do not use in the eyes, over large areas of the body, if allergic to any of the ingredients, or for longer than one week *unless under the supervision of a physician*.
- If symptoms persist or worsen, or if an allergic reaction occurs, seek advice from your healthcare professional immediately. Sinus rinsing is NOT a substitute for medical diagnosis or treatment. If your symptoms persist or you have chronic and persistent sinonasal conditions, please consult your physician or healthcare provider.
- The efficacy of this product has not been confirmed by FDA-approved research; and formulation is not intended to diagnose, treat, cure, or prevent any disease or health condition.
- **Only use distilled/purified water or bottled drinking water.** Do NOT use tap water or water from the faucet unless it has been boiled for five minutes and cooled to room temperature.
- Try to avoid swallowing the solution if possible (can be achieved by bending forward and facing downwards into the sink at a roughly 90-degree angle when doing Sinus Rinse/irrigation).
- Do not reuse solutions or store packets unsealed. If the packet is left unsealed for more than one hour, please discard and use a new unopened packet (due to chemical reaction of oxidation if packet is left open for too long, which can decrease efficacy).
- Do not use if your nasal passages or ear tubes are completely blocked or if you have a sinus or ear infection.
- Store **SinusReLeaf** packets in a cool, dry place.

## ABOUT SinusReLeaf™

**SinusReLeaf™** is an innovative and unique herbal-based sinus formulation for use as a Sinus Rinse/Irrigation solution to not only maintain appropriate nasal hygiene but also to reduce inflammation associated with allergies, the common cold or flu, as well as bacterial and fungal infections of the sinus and nasal mucous membranes.

**SinusReLeaf** uses the power and science of Cannabigerol (CBG), in addition to a composition comprising of Xylitol and Mullein leaf extract in a saline solution, to provide a natural way to alleviate the inflammation associated with sinus infections, allergies, irritants, and environmental pollutants. Recent studies have led to the conclusion that sinus irrigation as part of routine nasal hygiene can effectively reduce the transmission of microorganisms by decreasing adherence of microbes to nasal mucous membranes in addition to minimizing bacterial count. Keeping your sinuses clear of airborne contaminants and other irritants helps to improve nasal airflow and helps naturally to maintain overall respiratory health.

**SinusReLeaf** can alleviate the uncomfortable symptoms including but not limited to: **nasal congestion, nasal irritation, sinus pressure, sinus headaches, runny nose, postnasal drip, and diminished sense of smell**; all of which are associated with inflammatory conditions of the nasal/sinus cavities. This includes sinus disorders brought on by allergic inflammation, infection related inflammation (bacterial or fungal), and inflammation caused by environmental irritants such as dust or cigarette smoke, for example.

### PREMIUM INGREDIENT PROFILE

**SinusReLeaf** comes in pre-measured packets conveniently giving you the best balance of Salt, Xylitol, Cannabigerol, and Mullein leaf to ensure an optimal sinus rinse formulation solution for nasal cleansing as a routine part of normal nasal hygiene for maintenance of healthy nasal passages and sinuses.

**Cannabigerol (CBG):** This premier, natural, and distinctive ingredient in our SinusReLeaf rinse packets alleviates the inflammation associated with sinus infections, allergies, irritants, and environmental pollutants/contaminants in a novel fashion without the side effects of traditional additive medications.

This precludes side effects associated with corticosteroids used in many over-the-counter nasal sprays. In addition, it possesses natural anti-inflammatory and anti-microbial properties as it decreases adherence of microbial organisms to nasal mucous membranes, and is a viable alternative to traditional prescription compounded antibiotic sinus solutions as it has not been shown to lead to antibiotic resistance.

Cannabigerol (commonly and most efficiently derived from the hemp plant) is **THC free**, and has been determined to be **non-psychoactive** and **non-psychotropic**, which means it has not been shown to induce or result in an altered mental state.

**Mullein Leaf:** This ingredient can improve and encourage mucociliary clearance to evacuate any irritants, environmental pollutants, or microbial organisms from the nasal and sinus cavities.

**Sodium Chloride | Salt:** We use premium quality salt in our **SinusReLeaf** rinse packets. The salt is unprocessed and natural with no chemicals or additives. This ensures the ability to make a gentle and soothing irrigation solution that mitigates any burning sensation for sensitive nasal mucous membranes.

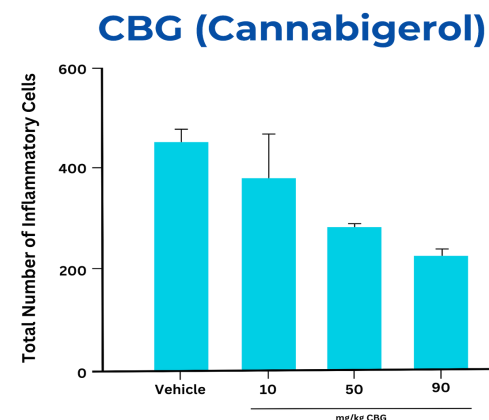
**Xylitol:** This helps to keep sensitive nasal and sinus mucous membranes hydrated and moisturized. In addition, it diminishes the adherence to and penetration of inflamed mucous membranes by microbial organisms such as bacterial and fungal organisms, dramatically improving the overall cleansing action of nasal irrigation.

**Sodium Bicarbonate:** This helps to buffer the action of the salt. Studies have shown that adding sodium bicarbonate, along with salt, improves the overall effect of the nasal irrigation solution while limiting the minor discomforts that may be experienced when using saline alone.

## CLINICAL SCIENTIFIC STUDY:

### **“The Anti-inflammatory Effects of Cannabidiol and Cannabigerol Aone, and in Combination”**

*(Pulmonary Pharmacology and Therapeutics 69 (2021) 102047)*



The primary purpose of the study was to investigate the anti-inflammatory effects of cannabidiol and Cannabigerol (CBG) in a model of inflammation in the respiratory tract induced by bacterial lipopolysaccharide (LPS) exposure, which subsequently triggers an inflammatory cascade of events that includes a rise in inflammatory cell count (leukocytes, specifically neutrophils needed to fight infections).

As seen in the above figure, there is a dose-dependent **decrease** in total inflammatory leukocyte cell count in the respiratory tract as compared to the control vehicle in response to administration of Cannabigerol (CBG).

**Conclusion:** CBG formulated appropriately can exhibit and promote anti-inflammatory activity in the respiratory tract.



**Distributed by SinusReLeaf**

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