

HOW TO FIGHT HALITOSIS

SAY GOODBYE TO BAD BREATH



THE ROLE OF SALIVA & BIOTÈNE:

Stimulating Saliva Production: Xylitol promotes natural saliva flow, aiding in moisture maintenance.

Moisturizing Oral Tissues: Glycerin and pectin help to lubricate and soothe the mouth, reducing discomfort associated with dryness.

Saliva's Role in Preventing Bad Breath:

Neutralizing Acids: Helps balance pH and prevent bacterial growth.

Washing Away Debris: Clears food particles that lead to bad breath.

Enzymatic Defense: Enzymes like lysozyme and lactoferrin help control bacteria.

ACTIVE INGREDIENTS:

Isomalt: A sugar substitute that provides bulk and sweetness.

Xylitol: A natural sweetener known to stimulate saliva flow and help reduce the risk of dental decay.

Glycerin: A humectant that helps retain moisture in the mouth.

Sodium Citrate: Helps maintain pH balance in the mouth.

Pectin: A natural polysaccharide that can provide a soothing effect.

INSTRUCTIONS FOR USE:

Dosage: Allow *one* lozenge to slowly dissolve in the mouth.

Frequency: Use as needed to relieve dry mouth symptoms.

Recommended For: Individuals experiencing dry mouth (xerostomia) due to medication side effects, certain medical conditions, or other factors. Those seeking on-the-go relief from dry mouth and bad breath symptoms.

Using Biotène lozenges can help counteract the effects of dry mouth, which is associated with a higher risk of cavities, gingivitis, and halitosis (Journal of Clinical Dentistry, n.d.).

PRECAUTIONS & WARNINGS:

Allergy Warning: Do not use if you are allergic to any of the ingredients.

Age Restriction: Suitable for adults and children 12 years and older.

Choking Hazard: Keep out of reach of young children.

Laxative Effect: Overconsumption may cause digestive discomfort due to sugar alcohols.

WHERE TO BUY & PRICING:

Available at: CVS, Walmart, Amazon, Walgreens, and other major pharmacies & grocery stores.

Price Range: \$8-\$13 per pack (27 lozenges), depending on retailer & location.



REFERENCES:

American Dental Association. (n.d.). *Xerostomia (Dry Mouth)*. Retrieved from <https://www.ada.org/resources/ada-library/oral-health-topics/xerostomia>

Biotène. (n.d.). *Biotène dry mouth lozenges*. GlaxoSmithKline. Retrieved from <https://www.biotene.com/dry-mouth-products/lozenges/>

Delta Dental. (n.d.). *How to stop bad breath*. Retrieved from <https://www1.deltadentalins.com/wellness/healthy-habits/articles/stop-bad-breath.html>

Mayo Clinic. (2022). *Dry mouth: Symptoms and causes*. Retrieved from <https://www.mayoclinic.org/diseases-conditions/dry-mouth/symptoms-causes>



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MECHANISM OF ACTION:

- USES OXYGEN (IN THE FORM OF SODIUM CHLORITE) TO KILL ODOR-CAUSING ANAEROBIC BACTERIA
- CONVERTS HARMFUL SULFITES PRODUCED BY BACTERIA INTO ODORLESS SULFATES
- ABSENCE OF ALCOHOL KEEPS HEALTHY MICROBIOTA INTACT
- STIMULATES SALIVARY FLOW
- NEUTRAL PH PROTECTS ENAMEL

ACTIVE INGREDIENTS:

- WATER
- GLYCERIN
- HYDROGENATED CASTOR OIL
- SODIUM HYDROXIDE
- CITRIC ACID
- FLAVOR
- MENTHOL
- SODIUM CHLORITE
- SODIUM BENZOATE
- SUCRALOSE
- XYLITOL
- SODIUM BICARBONATE

INSTRUCTIONS FOR USE:

- ADULTS 18+ : RINSE AND GARGLE 10ML TWICE DAILY FOR 90 SECONDS AFTER BRUSHING
- CHILDREN 12-17: USE ONLY ONCE DAILY
- DO NOT SWALLOW
- WAIT 5 MINS BEFORE EATING
- UNIQUE INSTRUCTIONS FOR OTHER THERABREATH MOUTHWASHES

SIDE EFFECTS:

- TEMPORARY CHANGE IN TASTE PERCEPTION
- MILD TINGLING
- SORE THROAT
- WORSENING OF BAD BREATH IN SOME CASES
- RARE ALLERGIC REACTIONS

DID YOU KNOW?

Acidic mouthwashes can lead to enamel erosion.

TheraBreath
IS NON-ACIDIC & pH-BALANCED

PURCHASING INFORMATION:

WHERE TO BUY:

- TARGET
- WALMART
- LOCAL GROCERY STORES
- LOCAL DRUG STORES
- AMAZON

AVAILABLE IN THREE SIZES:



3 OZ (\$2.99)
16 OZ (\$7.67)
1 LITER (\$13.97)

INVIGORATING ICY MINT

- ☒ —
- Non-Burning
- No Alcohol
- No Dyes/Colors
- No SLS/Sulfates
- No Parabens

REFERENCES:

IRWIN, S. V., DEARDORFF, L. M., DENG, Y., FISHER, P., GOULD, M., JUNE, J., KENT, R. S., QIN, Y., & YADAO, F. (2022). SULFITE PRESERVATIVES EFFECTS ON THE MOUTH MICROBIOME: CHANGES IN VIABILITY, DIVERSITY AND COMPOSITION OF MICROBIOTA. PLOS ONE, 17(4), E0265249. [HTTPS://DOI.ORG/10.1371/JOURNAL.PONE.0265249](https://doi.org/10.1371/JOURNAL.PONE.0265249)

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THERABREATH. (2023, APRIL 21). CLINICAL INSIGHTS: THE SCIENCE UNDER THE ORANGE CAP. DIMENSIONS OF DENTAL HYGIENE. [HTTPS://DIMENSIONSOFDENTALHYGIENE.COM/ARTICLE/CLINICAL-INSIGHTS-THE-SCIENCE-UNDER-THE-ORANGE-CAP/?T](https://dimensionsofdentalhygiene.com/article/clinical-insights-the-science-under-the-orange-cap/?t)

