

NEW Baby ECZEMA drops from Léo Désilets were formulated to relieve eczema in infants, babies, and children, while providing robust skin support.

CONTEXT

Atopic dermatitis (or eczema) is a common inflammatory skin condition in babies. It affects up to 25% of children, and it is estimated that 60% of sufferers develop it during their first year of life¹. Symptoms can vary in manifestation and intensity depending on the form of eczema. Eczema symptoms can include irritated, dry, rough skin and can be painfully itchy. Red patches can appear all over the body, including the cheeks, lips, neck, forehead, chest, elbows, knees, wrists, ankles, and even the scalp. When eczema becomes infected, small oozing lesions may develop². Because newborns and infants cannot scratch, itching may manifest as irritability or sleep disturbances.

Unfortunately, there is no cure for eczema. As a result, people typically turn to moisturizers, prescription medications and other strategies to help soothe and control eczema outbreaks. Unsurprisingly, parents increasingly turn to Natural Health Products to find safe solutions to relieve their baby's painful skin conditions.

THE GUT MICROBIOME & SKIN HEALTH

There are over 100,000 billion microorganisms that make up our gut microbiome. Over 1,000 of these diverse bacterial ecosystems reside directly on our skin³. Research has shown that some of these bacteria promote skin health, strengthen the skin's natural barrier against harmful bacteria, balance pH, reduce inflammation (a key component of eczema)⁴, and can even prevent premature aging of the skin⁵. These are essential to ensure both physical and mental health and the functioning of our body.

The role of probiotics in allergic and inflammatory skin diseases is well established. Still, their effectiveness largely depends on the timing of supplementation, the dose, duration, and, most significantly, the specific probiotic used⁶. A particular strain of lactobacillus, «lactobacillus rhamnosus,» has proven to be a precious solution to help prevent, relieve, and control skin conditions - especially eczema⁷.



LACTOBACILLUS RHAMNOSUS HN001

Lactobacillus rhamnosus (L. rhamnosus) is a species of lactic acid bacteria in the Lactobacillaceae family that is naturally present in the human digestive tract. Certain strains of L. rhamnosus are used in probiotic formulations, including L. rhamnosus HN001, a patented form of L. rhamnosus and one of the most studied probiotics worldwide... and rightfully so!

L. rhamnosus has been extensively researched and has been demonstrated to offer multiple important health benefits, especially with regard to skin health⁷. In fact, a randomized, double-blind, placebo-controlled study⁷ evaluated maternal supplementation of L. rhamnosus HN001 from 35 weeks gestation up to 6 months in conjunction with breastfeeding and infant supplementation from birth up to two years. This protocol was shown to halve the incidence of eczema in children between ages 2 to 4 years old.

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The information contained in this document is for educational purposes only and not to be construed as medical advice. It is not meant to diagnose, or in any way replace qualified medical supervision. This product may not be suitable for you. Always read the label prior to use and follow the directions. The medicinal benefits described are in reference to the plant in question and are sourced from existing scientific literature available on a variety of scientific platforms. Unless otherwise noted, the studies discussed were not performed on our particular formula, and are cited with references, merely for informational purposes.



GENERAL HEALTH BENEFITS OF PROBIOTICS^{8,9}

- Help optimize gut health
- Boost immunity
- Relieve symptoms of colic in babies
- Promote digestive health
- Support optimal skin health (eczema, acne, etc.)
- Help prevent and soothe eczema attacks
- Help prevent and treat allergic and inflammatory skin reactions

Significantly, this same study evaluated the potential protective effects of another probiotic strain, *Bifidobacterium animalis subsp lactis* HN019, which ultimately did not show any beneficial effects on skin health.

This study provides solid and tangible evidence of the efficacy of the probiotic strain *L. rhamnosus* HN001 in preventing the development of eczema and atopic sensitization in high-risk infants up to six. The lack of a similar effect with the probiotic strain HN019 indicates that the health benefits are probiotic species-specific.

Health Benefits Of Léo Désilets' Baby ECZEMA

Baby Eczema probiotic drops provide 6 billion active *L. rhamnosus* HN001 cells per dose in a blend of organic sunflower oil and mixed tocopherols (vitamin E). Baby ECZEMA effectively prevents and treats allergic and inflammatory skin conditions, including eczema/atopic dermatitis, acne, and cutaneous hypersensitivity. The HN001 strain is ideal for neonates, infants, and children to help prevent, treat, and control eczema and other allergic and inflammatory skin manifestations. But the benefits don't stop at baby's skin. In fact, over the last few years, probiotics have begun to revolutionize the world of skincare, with the appearance of skin care lines that focus exclusively on supporting the skin microbiome. Big names like Dior and Lancôme have dabbled in probiotic and prebiotic cosmetics. Patented *L. rhamnosus* HN001 also promotes optimal skin health across age groups.

Léo Désilets' **NEW Baby ECZEMA** comes in drop form, providing 6 billion CFU (Colony Forming Units) per dose. Like all Léo Désilets products, the formula is Non-GMO, has no added flavours or colours, and is free of the most common allergens, including peanuts, tree nuts, wheat, eggs, dairy, fish or shellfish, and soy.

1. <https://www.aad.org/public/diseases/eczema/childhood/treating/treat-babies>

2. <https://naitreetgrandir.com/fr/sante/naitre-grandir-sante-enfant-eczema-peau-demangeaison/>

3. <https://microbiome-foundation.org/the-microbiota/?lang=en#:~:text=Our%20digestive%20tract%20is%20home,that%20make%20up%20our%20body.>

4. Liuqing Zhang, Hong Cao, Li Li, Wei Zhao, Feng Zhang. Oral and external intervention on the crosstalk between microbial barrier and skin via foodborne functional component. *Journal of Functional Foods*, Volume 92, 2022. <https://doi.org/10.1016/j.jff.2022.105075>.

5. Li Z, Bai X, Peng T, Yi X, Luo L, Yang J, Liu J, Wang Y, He T, Wang X, Zhu H, Wang H, Tao K, Zheng Z, Su L, Hu D. New Insights into the Skin Microbial Communities and Skin Aging. *Front Microbiol*. 2020 Oct 26;11:565549. doi: 10.3389/fmicb.2020.565549. PMID: 33193154; PMCID: PMC7649423.

6. Andrade Paula Danielle Santa Maria Albuquerque de, Maria e Silva Jorgete, Carregaro Vanessa, Sacramento Laís Amorim, Roberti Luciana Rodrigues, Aragon Davi Casale, Carmona Fabio, Roxo-Junior Pérsio. Efficacy of Probiotics in Children and Adolescents With Atopic Dermatitis: A Randomized, Double-Blind, Placebo-Controlled Study. *Frontiers in Nutrition*, VOLUME 8, 2022. <https://www.frontiersin.org/articles/10.3389/fnut.2021.833666>. doi: 10.3389/fnut.2021.833666.

7. <https://onlinelibrary.wiley.com/doi/abs/10.1111/cea.12154>

8. <https://www.mdpi.com/2072-6643/11/7/1613#cite>

9. http://www.tlrs.usm.my/tlrs/27022016/27022016_06.pdf