

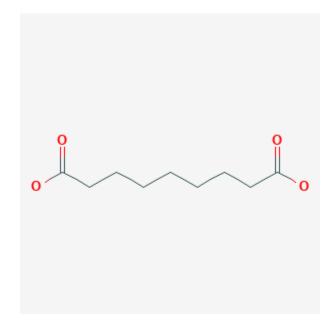
U.S. National Library of Medicine National Center for Biotechnology Information **NLM Citation:** Drugs and Lactation Database (LactMed) [Internet]. Bethesda (MD): National Library of Medicine (US); 2006-. Azelaic Acid. [Updated 2018 Oct 31]. **Bookshelf URL:** https://www.ncbi.nlm.nih.gov/books/



# Azelaic Acid

Revised: October 31, 2018.

CASRN: 123-99-9



# **Drug Levels and Effects**

## Summary of Use during Lactation

Topical azelaic acid has not been studied during breastfeeding. Because only 4% of a dose is absorbed after topical application and it is a chemical that appears in foods and the bloodstream normally, azelaic acid is considered a low risk to the nursing infant.[1][2] Ensure that the infant's skin does not come into direct contact with the areas of skin that have been treated. Only water-miscible cream or gel products should be applied to the breast because ointments may expose the infant to high levels of mineral paraffins via licking.[3]

### **Drug Levels**

*Maternal Levels*. Relevant published information was not found as of the revision date.

Infant Levels. Relevant published information was not found as of the revision date.

**Disclaimer:** Information presented in this database is not meant as a substitute for professional judgment. You should consult your healthcare provider for breastfeeding advice related to your particular situation. The U.S. government does not warrant or assume any liability or responsibility for the accuracy or completeness of the information on this Site .

#### **Effects in Breastfed Infants**

Relevant published information was not found as of the revision date.

#### **Effects on Lactation and Breastmilk**

Relevant published information was not found as of the revision date.

#### **Alternate Drugs to Consider**

(Acne) Benzoyl Peroxide, Clindamycin, Erythromycin, Tretinoin; (Rosacea) Metronidazole

#### References

- 1. Akhavan A, Bershad S. Topical acne drugs: review of clinical properties, systemic exposure, and safety. Am J Clin Dermatol. 2003;4:473-92. PubMed PMID: 12814337.
- 2. Leachman SA, Reed BR. The use of dermatologic drugs in pregnancy and lactation. Dermatol Clin. 2006;24:167-97. PubMed PMID: 16677965.
- 3. Noti A, Grob K, Biedermann M et al. Exposure of babies to C(15)-C(45) mineral paraffins from human milk and breast salves. Regul Toxicol Pharmacol. 2003;38:317-25. PubMed PMID: 14623482.

# **Substance Identification**

#### **Substance Name**

Azelaic Acid

#### **CAS Registry Number**

123-99-9

### **Drug Class**

Breast Feeding

Lactation

Antineoplastic Agents

Dermatologic Agents