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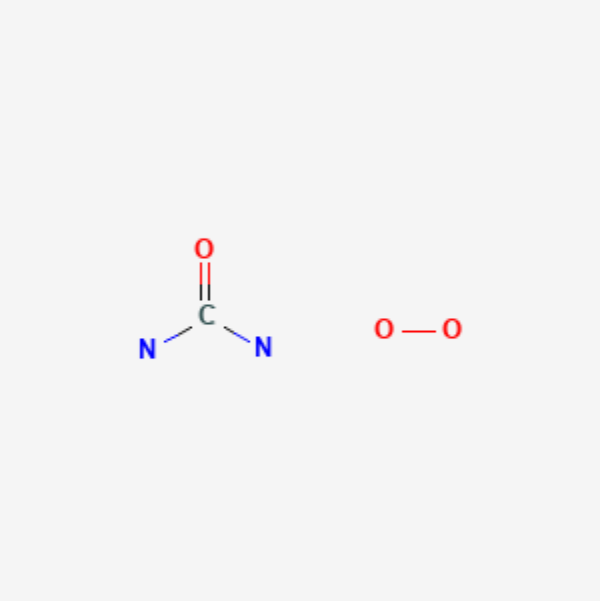
NLM Citation: Drugs and Lactation Database (LactMed®) [Internet]. Bethesda (MD): National Institute of Child Health and Human Development; 2006-. Carbamide Peroxide. [Updated 2021 Apr 19].
Bookshelf URL: https://www.ncbi.nlm.nih.gov/books/

Carbamide Peroxide

Revised: April 19, 2021.

CASRN: 124-43-6



Drug Levels and Effects

Summary of Use during Lactation

Carbamide (urea) peroxide has not been studied during breastfeeding. It is unlikely that carbamide peroxide found in ear drops or teeth whiteners is absorbed into the bloodstream. However, if any carbamide peroxide were absorbed, it would be broken down to urea and hydrogen peroxide, both of which are found normally in human milk.[1,2] If carbamide peroxide is used by the mother according to directions, it is not a reason to discontinue breastfeeding and no special precautions are required.

Drug Levels

Maternal 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.

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

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.

References

1. Clark RM, Ross SA, Hill DW, et al. Within-day variation of taurine and other nitrogen substances in human milk. J Dairy Sci. 1987;70:776–80. PubMed PMID: 3584613.
2. Al-Kerwi EA, Al-Hashimi AH, Salman AM. Mother's milk and hydrogen peroxide. Asia Pac J Clin Nutr. 2005;14:428–31. PubMed PMID: 16326651.

Substance Identification

Substance Name

Carbamide Peroxide

CAS Registry Number

124-43-6

Drug Class

Breast Feeding

Lactation

Peroxides