

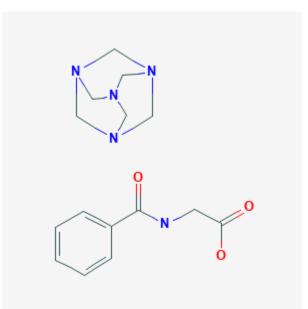
U.S. National Library of Medicine National Center for Biotechnology Information **NLM Citation:** Drugs and Lactation Database (LactMed) [Internet]. Bethesda (MD): National Library of Medicine (US); 2006-. Methenamine Hippurate. [Updated 2018 Dec 3]. **Bookshelf URL:** https://www.ncbi.nlm.nih.gov/books/



# **Methenamine Hippurate**

Revised: December 3, 2018.

CASRN: 5714-73-8



## **Drug Levels and Effects**

## Summary of Use during Lactation

Methenamine passes into milk in small quantities and appears safe to use, even while nursing a newborn.

## **Drug Levels**

*Maternal Levels.* Six mothers nursing newborn infants were given methenamine hippurate 1 g orally. Five hours after the dose, a mean methenamine concentration of 7 mg/L was found in milk. In two other women, milk concentrations averaged 9.1 mg/L 2 to 3 hours after a 1 g dose of methenamine hippurate orally and 4.3 mg/L 6 to 7 hours after the dose. Based on the amount of milk ingested, the authors calculated the dose the infants received to be 0.05 to 0.1 mg/kg which is about 1% of the adult dose.[1]

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

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

Four newborn infants were allowed to breastfeed in one study after a maternal dose of 1 g of methenamine hippurate. No adverse effects were reported.[1]

## **Effects on Lactation and Breastmilk**

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

## **Alternate Drugs to Consider**

Methenamine Mandelate

### References

1. Allgen LG, Holmberg G, Persson B, Sorbo B. Biological fate of methenamine in man. Acta Obstet Gynecol Scand. 1979;58:287-93. PubMed PMID: 484222.

## **Substance Identification**

#### **Substance Name**

Methenamine Hippurate

#### **CAS Registry Number**

5714-73-8

#### **Drug Class**

Breast Feeding

Lactation

Anti-Infective Agents, Urinary