

## AP124: Methylisothiazolinone

### CAS#: 2682-20-4

#### Patient Information

Your patch test result indicates that you have a contact allergy to methylisothiazolinone. This contact allergy may cause your skin to react when it is exposed to this substance although it may take several days for the symptoms to appear. Typical symptoms include redness, swelling, itching, and fluid-filled blisters.

#### Where is methylisothiazolinone found?

This substance is a preservative used in personal hygiene products (such as shampoos, lotions, emulsions, and sun screens), and in industrial cooling oils, cutting oils, and paper finishes. It is also commonly added to household cleaners as a substitute for formaldehyde. This substance is a component in Kathon and Grotan preservatives.

#### How can you avoid contact with methylisothiazolinone?

Avoid products that list any of the following names in the ingredients:

- 4-Isothiazolin-3-one, 5-chloro-2-methyl-
- 5-Chloro-2-methyl-4-isothiazolin-3-one
- Methylchloroisothiazolinone
- 3(2H)-Isothiazolone, 5-chloro-2-methyl-
- BRN 1210149
- EINECS 247-500-7
- Kathon CG 5243

#### What are some products that may contain methylchloroisothiazolinone?

- Body Washes/Hand Soaps/Moisturizers:
- Cleaners
- Hair Products
  - Hair Dyes
  - Shampoos
  - Conditioners
- Paint
- Pet Care
- Yard Care Products

\*For additional information about products that might contain **methylisothiazolinone**, go to the Household Product Database online ([householdproducts.nlm.nih.gov](http://householdproducts.nlm.nih.gov)) at the United States National Library of Medicine. These lists are brief and provide just a few examples. They are not comprehensive. Product formulations also change frequently. Read product labels carefully and talk to your doctor if you have any questions. These are general guidelines. Talk to your doctor for more specific instructions.