

METHYLCHLOROISOTHIAZOLINONE

METHYLISOTHIAZOLINONE

_____ Name

_____ Date

also called...5-chloro-2-methyl-4-isothiazolin-3-one and 2-methyl-4-isothiazolin-3-one, Kathon CG, Euxyl K100, or Groton K.

What is it?

Methylchloroisothiazolinone and methylisothiazolinone (MCI/MI) are used alone or together as preservatives. They are active against bacteria, yeast, fungi, and algae. They are widely used in personal, household, and industrial products.

Where might it be found?

Shampoo
Hair conditioner, detangler
Hair styling mousse, foam, gel
Hair color
Body or hand soap, cleanser
Facial cleanser, scrub, mask
Make-up remover
Moist towelettes, wet wipes
Baby wipes, baby shampoo
Moisturizer, cream, lotion
Facial moisturizer, anti-aging
Sunscreen, sunless tanner
Foot scrub
Bubble bath

Also...Laundry detergent
Fabric softener, stain remover
Household shampoo, cleaners
Pre-moistened mop, sponge
Wax, polish
Paint, enamel, primer, sealer
Latex emulsions
Fountain, cooling tower water
Bubble blowing solutions
Dehumidifier
Adhesive, glue, binding agent
Cutting fluid, metalworking
Milk sampling
Flax spinning
Jet fuel, anti-static
Pesticide, weed killer
Pet spray, pet shampoo
Printing ink, coloring agents
Paper mill anti-slime

How to avoid it:

To avoid MCI/MI check the complete ingredient list of each product you use. For products already at home with no ingredient list, go to the store and inspect the original box or package. Some products' ingredient lists are available on the internet at the manufacturer's website, the store's website, or websites such as <http://householdproducts.nlm.nih.gov>, <http://www.cosmeticsdatabase.com>, or <http://www.drugstore.com>.

You may be exposed to MCI/MI by coming in contact with products your partner is using. Ask your hairdresser, aesthetician, and others to avoid using MCI/MI in your care. Tell your physician about your allergy. Some prescriptions like halobetasol and crotamiton contain MCI/MI. [Note: Some items with these brand names **contain MCI**: Eucerin, Nivea, Moisturel, Purpose, Aveeno, Neutrogena, Nu-Skin, Herbal Essences, Dove, Pantene, Suave, and Dep. **MCI is in** Cottonelle, Kleenex, Wal-Mart, Walgreens, and CVS flushable wipes. **Safe wipes** are Charmin Freshmates, Wet Ones, and White Cloud Unscented. Be sure to check the ingredients.]

To identify possible workplace exposure, check the complete ingredient list of everything encountered. You may need to contact the manufacturer to find if a commercial product contains this preservative.

If you must come in contact with MCI/MI in your work or care for children, elders, or pets, wear protective gloves made of rubber, nitrile, or vinyl.