METHYLCHLOROISOTHIAZOLINONE  
METHYLISOTHIAZOLINONE

____________________Name ____________________Name ____________________Name ____________________Name ____________________
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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.