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?

<table>
<thead>
<tr>
<th>Shampoo</th>
<th>Hair conditioner, detangler</th>
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</thead>
<tbody>
<tr>
<td>Hair styling mousse, foam, gel</td>
<td>Hair color</td>
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<tr>
<td>Body or hand soap, cleanser</td>
<td>Facial cleanser, scrub, mask</td>
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<tr>
<td>Make-up remover</td>
<td>Moist towelettes, wet wipes</td>
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<tr>
<td>Baby wipes, baby shampoo</td>
<td>Moisturizer, cream, lotion</td>
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<td>Facial moisturizer, anti-aging</td>
<td>Sunscreen, sunless Tanner</td>
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<tr>
<td>Foot scrub</td>
<td>Bubble bath</td>
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</tbody>
</table>

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, aestetician, 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, Moisture, 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.