METHYLDIBROMO GLUTARONITRILE

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*also called* 1,2-dibromo-2,4-dicyanobutane. When used together with phenoxyethanol, it is known as **Euxyl K400**. MDBGN combined with propylene glycol is called **Merguard**.

**What is it?**
Methyldibromo glutaronitrile (MDBGN) is a chemical with activity against bacteria and fungi. It is used as a preservative in many personal, household, and industrial products.

**Where might it be found?**
- Liquid soap, cleanser
- Body wash, shower gel
- Bubble bath
- Facial cleanser, toner
- Face or body scrub
- After-shave
- Facial or body moisturizer
- Anti-aging product
- Sunscreen, sunless tanner
- Shampoo
- Hair conditioner
- Hair styling product
- Hair color, dye
- Permanent wave solution
- Mascara, eye pen
- Make-up remover pads
- Moist wipes, baby wipes
- Pre-moistened toilet paper
- Sanitary napkins
- Incontinence pads

**How to avoid it:**
To avoid MDBGN check the complete ingredient list of each product you use. For products already at home that do not list ingredients, 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 at websites such as [http://householdproducts.nlm.nih.gov](http://householdproducts.nlm.nih.gov), [http://www.cosmeticsdatabase.com](http://www.cosmeticsdatabase.com), or [http://www.drugstore.com](http://www.drugstore.com).

Your exposure to MDBGN may be from contact with a partner who uses products that contain it.

Ask your hairdresser, barber, physician, nurse, and others to avoid using MDBGN in your care.

To identify possible workplace exposure, check the complete ingredient list of each product you encounter. It may be necessary to contact the manufacturer to learn if a commercial product contains this preservative.

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

*[MDBGN has recently been removed from many leave-on products, like Lubriderm and Nivea lotions.]*