



the art and science of smart patch testing™

NA50: Methyl dibromo glutaronitrile/phenoxyethanol (MDBGN/PE-Euxyl K 400)

Patient Information

Your patch test result indicates that you have a contact allergy to methyl dibromo glutaronitrile/phenoxyethanol. 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 methyl dibromo glutaronitrile/phenoxyethanol found?

Methyl dibromo glutaronitrile/phenoxyethanol is a preservative composed of 80% phenoxyethanol and 20% methyl dibromo glutaronitrile, the latter of which is a principle allergen. It is commonly used in cosmetics and personal care products such as body lotions, facial lotions, and hand lotions, sunscreen lotions, baby lotions, shower gels and shampoos, and massage oils. It may also be found in industrial cutting oils, drilling oils, and coolants.

How can you avoid contact with methyl dibromo glutaronitrile/phenoxyethanol?

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

- 2-Phenoxyethanol
- Ethanol, 2-phenoxy-
- Ethylene glycol monophenyl ether
- Phenoxyethanol
- Phenoxytol
- 1-Hydroxy-2-phenoxyethane
- 2-Hydroxyethyl phenyl ether
- 2-Phenoxyethyl alcohol
- 4-06-00-00571 (Beilstein Handbook Reference)
- AI3-00752()C
- Arosol
- BRN 1364011
- EGMPE
- EINECS 204-589-7
- HSDB 5595
- NSC 1864
- Phenoxethol
- Phenyl cellosolve
- Phenylmonoglycol ether
- Rose ether
- beta-Hydroxyethyl phenyl ether
- 1,2-Dibromo-2,4-dicyanobutane
- 2-Bromo-2-(bromomethyl) glutaronitrile
- 2-Bromo-2-(bromomethyl) pentanedinitrile
- Methyl dibromo glutaronitrile
- 1-Bromo-1-(bromomethyl)-1,3-propanedicarbonitrile
- BBMG
- Bromothalonil
- Caswell No. 114G
- EINECS 252-681-0
- EPA Pesticide Chemical Code 111001
- HSDB 7313
- MDBGN
- Pentanedinitrile, 2-bromo-2-(bromomethyl)-

What are some products that may contain methyldibromo glutaronitrile/phenoxyethanol?

Baby Care:

- Johnsons Baby Gentle Cleansing Cloths, Head To Toe
- Johnsons Baby Softwash Cleansing Cloths

Body Washes:

- Gentle Antibacterial Body Soap with Moisture Beads
- Softsoap Gentle Antibacterial Body Wash with Vitamins

Cosmetics:

- Bonne Bell Vita Gloss2O (all flavors)
- CoverGirl Fresh Look Liquid Make Up
- CoverGirl Marathon Waterproof Mascara
- CoverGirl Multiplying Mascara
- CoverGirl Natural Lash Darkener
- CoverGirl Professional Advanced Waterproof Mascara
- CoverGirl Professional Mascara
- CoverGirl Pure Magic Body Art
- CoverGirl Remarkable Washable/Waterproof Mascara
- CoverGirl Shimmer Eye Pen
- CoverGirl Smoothers Liquid Make Up
- CoverGirl Super Thick Lash Mascara
- CoverGirl Triple Mascara, Black Brown
- CoverGirl Ultimate Finish Liquid Powder Make Up
- Max Factor Lashfinity
- Revlon Age Defying Oil Free Makeup/Concealer Compact SPF 20, Natural Beige
- Revlon ColorStay Extra Thick Mascara
- Revlon ColorStay LipSHINE Lipcolor Plus Gloss
- Smackers Snap Gloss - Gum Drop - Transparent
- Smackers Squeezy Lip Smackers (all flavors)
- Ultima II Nourishing Stick Blush, Rosewood

Hair Care:

- Imina Oil Cream Hair Moisturizer
- Infusium 23 Hair Conditioner Revitalize Normal/Dry
- John Frieda Sheer Blonde Spotlight
- Jumping Curls
- New Finesse Hydrating Silk Conditioner-Normal Hair
- Nexxus AloeRid Shampoo
- Nexxus Botanoil Shampoo
- Nexxus Color Assure Shampoo
- Nexxus Color Ensure Conditioner
- Nexxus Diametress Shampoo
- Nexxus SleekTress Shampoo
- Nexxus Therappe Shampoo
- Pantene Pro V Hydrating Curls Shampoo
- Paul Mitchell Botanical Body Building Rinse, Detangler for Fine/Thin Hair
- Paul Mitchell Botanical Hydrating Shampoo, Body Building
- Pure Elements (New) Daily Detangler Conditioning
- Suave Professionals - Healthy Curls Curl Enhancing Spray Gel
- Suave Professionals - Root Lifter Spray Gel

- Suave Professionals Shampoo, Awapuhi
- Suave Professionals - Sleek Heat Protection Spray
- Suave Shampoo for All Hair Types, Balsam & Protein

Hair Dyes:

- Clairol Lasting Color Haircolor, Level 2, Dark Warm Brown 825
- Clairol Loving Care Haircolor, Level 1, Dark Warm Brown 82
- Clairol Loving Care Haircolor, Level 1, Light Brown 755
- Clairol Natural Instincts for Men Haircolor
- Clairol Natural Instincts Haircolor, Level 2, Coastal Dune-09N
- Clairol Natural Instincts Haircolor, Level 2, Desert Sunrise-15
- Clairol Natural Instincts Haircolor, Level 2, Nutmeg-28
- Clairol Natural Instincts Haircolor, Level 2, Sedona Sunset-16RG
- Clairol Revitalique Permanent Hair Color, Medium Natural Brown, Visionary Brown
- L'Oréal Preference Haircolor, Light Ash Blonde 9A

Industrial Cutting Oils, Drilling Oils and Coolants

Massage Oils

Skin Care:

- Aveeno Skin Brightening Daily Moisturizer
- Imina Foaming Cleansing Cloths
- Nivea for Men After Shave Balm, Sensitive Skin, Unscented
- Nivea for Men Face Cleansing, Double Action Face Wash
- Nivea for Men Face Cleansing, Exfoliating Face Scrub
- Noxzema H2Foam Cleansing Cloths
- Noxzema Plus Cleansing Cream
- Oil of Olay Age Defying Series Revitalizing Eye Gel
- Oil of Olay Foaming Face Wash-Regular & Sensitive Skin
- Olay Daily Facials
- Olay Total Effects Cleansing Treatments
- Old Spice Sensitive Soothing Gel After Shave & Moisturizer In One
- Oxy Chill Factor Face Scrub
- Physique Precision Wax
- Ponds Clear Cold Cream
- Revlon Age Defying Performance Skincare, Face Cream SPF 15
- Revlon Vitamin C Absolutes, Daily Radiance Cream, SPF 15
- Revlon Vitamin C Absolutes, Oil Free Radiance Lotion, SPF 15
- Revlon Vitamin C Absolutes, Refreshing Tonic
- Roc Retinol Actif Pur Anti-Wrinkle Treatment

Sunscreens:

- Banana Boat Dark Tanning Oil Spray - SPF 4
- Banana Boat Maximum Sunblock Lotion - SPF 50
- Banana Boat Sport Quick Blok - SPF 35
- Banana Boat Sport Sunblock Lotion - SPF 30
- Banana Boat Sport Sunblock Lotion - SPF 50
- Banana Boat Sun Wear Faces - SPF 30
- Banana Boat Sun Wear Faces - SPF 50

*For additional information about products that might contain **methyldibromoglutaronitrile/phenoxyethanol**, go to the Household Product Database online (<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.