2-n-Octyl-4-isothiazolin-3-one

You have shown a positive allergic reaction to 2-n-Octyl-4-isothiazolin-3-one. You should avoid contact with this substance. Here is a partial list of products known to have contained 2-n-Octyl-4-isothiazolin-3-one in the past. To be sure, you should check the contents on the package.

What is it?
2-n-Octyl-4-isothiazolin-3-one is a member of the chemically related isothiazolinone group of preservatives. 2-N-octyl-4-isothiazolin-3-one (OIT) is an antimicrobial agent that is mainly used in industrial settings.

How can I avoid it?
Skin contact with 2-n-Octyl-4-isothiazolin-3-one is required for it to cause a rash. Discontinuation of exposure to products containing 2-n-Octyl-4-isothiazolin-3-one should result in improvement and/or resolution of your dermatitis. By law, all products made in the US for topical use have the ingredients listed either on the product package or the box that contains it, so check the labeling of your skin care products for this ingredient. If there is no information ask your pharmacist. At work, request a material safety data sheet (MSDS) to help identify potential sources of exposure.

Uses:
• Preservative in leather
• Paint manufacturing
• Bactericide
• Biocide
• Fungicide in:
  • Adhesives
  • Decorative wood stains
  • Pulp
  • Water-based Paints
  • Sealants
  • Additive in refinery oil
  • Cutting oils
  • Wallpaper adhesive, etc.
  • Cosmetics
  • Shampoos
  • Wood
  • Wound protectant for pruning cuts

Other names for 2-n-Octyl-4-isothiazolin-3-one:
• Skane M-8
• Kathon 893
• 2 Octyl-4 isothiazolin-3-one
• 2-Octyl-3 (2H)-isothiazolone
• Octhilinone

Potential cross-reacting/co-reacting substances:
• Benz-isothiazolinone
• Methylchloroisothiazolinone/Methylisothiazolinone (MCI/MI)
• OIT
• 2-octyl-2H-isothiazol-3-one
• 2-octylisothiazole-3(2H)-one
• NOIT
• 2-Octyl-3(2H)-isothiazolone
• 2-octyl-3-isothiazolon
• 2-Octyl-4-isothiazolin-3-one
• Isothiazolone, 2-octyl-
• Kathon
• Kathon 893
• Kathon Ip preservative
• Kathon sp 70
• Microbicide M-8
• Micro-chek 11
• Micro-chek 11d
• Micro-chek skane
• Octhilinone
• Octyl-3(2H)-isothiazolone
• Pancell
• pancell-t
• RH 893
• Skane M-8
• Skane hq