



## FRAGRANCE MIX II

Your patch test result indicates that you have a contact allergy to fragrance mix II. 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 fragrance mix II found?

Fragrance mix II contains the six additional substances that are often found in a variety of products: Coumarin, Lyral, Citronellol, Farnesol, Citral,  $\alpha$ -Hexylcinnamaldehyde. Fragrances can be found in most products. They are used to add flavor or scent to a product or may mask a product's unpleasant smell. They may come from natural (animals or plants) or synthetic sources.

### How can you avoid contact with fragrance mix II?

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

- Coumarin [NF X]
- 1,2-Benzopyrone
- CASRN: 91-64-5
- 2-Propenoic acid, 3-(2-hydroxyphenyl)-, delta-lactone
- 2-Propenoic acid, 3-(2-hydroxyphenyl)-delta-lactone
- Lyral
- 4-(4-Hydroxy-4-methylpentyl)-3-cyclohexene-1-carboxaldehyde
- 3-Cyclohexene-1-carboxaldehyde, 4-(4-hydroxy-4-methylpentyl)-
- 4-(4-Hydroxy-4-methylpentyl)cyclohex-3-enecarbaldehyde
- 3-Cyclohexene-1-carboxaldehyde, 4-(4-hydroxy-4-methylpentyl)-
- CASRN: 31906-04-4
- Cephrol
- Citronellol (ex. Java citronella oil) (natural)
- Citronellol (natural)
- CASRN: 106-22-9
- Farnesol
- 2,6,10-Dodecatrien-1-ol, 3,7,11-trimethyl-
- 3,7,11-Trimethyl-2,6,10-dodecatrienol
- 3,7,11-Trimethyl-2,6,10-dodecatrien-1-ol
- Trimethyl dodecatrienol
- CASRN: 4602-84-0
- CASRN: 5390-40-0
- Citral
- 2,6-Dimethyloctadien-2,6-al-8
- 2,6-Octadienal, 3,7-dimethyl-
- 3,7-Dimethyl-1,2,6-octadienal
- 3,7-Dimethyl-2,6-octadienal
- CASRN: 5392-40-5
- CASRN: 101-86-0
- BRN 1721871
- CCRIS 1043
- Caswell No. 221B
- Citral
- Citral (natural)
- EINECS 226-394-6
- EPA Pesticide Chemical Code 040510
- FEMA No. 2303
- FEMA Number 2303
- HSDB 993
- Lemsyn GB
- NCI-C56348
- NSC 6170
- **$\alpha$ -Hexylcinnamaldehyde:**
  - 2-(Phenylmethylene)octanal
  - 2-Benzylideneoctanal
  - 2-Hexyl-3-phenyl-2-propenal
  - 2-Hexylcinnamaldehyde
  - AI3-05096
  - EINECS 202-983-3
  - FEMA No. 2569
  - Hexyl cinnamic aldehyde
  - Hexyl cinnamic aldehyde (VAN)
  - NSC 406799
  - $\alpha$ -Hexyl-beta-phenylacrolein
  - $\alpha$ -Hexylcinnamaldehyde
  - $\alpha$ -Hexylcinnamic aldehyde
  - $\alpha$ -Hexylcinnamyl aldehyde
  - $\alpha$ -n-Hexyl-beta-phenylacrolein

### What are some products that may contain fragrance mix II?

After Shaves	Cosmetics	Hair Care	Lotions/Creams	Soft Drinks
Baby Products	Dental cements	Household Cleaners	Medicaments	Tonics
Bath Oils	Detergents	Hygiene Products	Mouthwash	
Breath Mints	Dryer Sheets	Ice Cream	Perfumes	
Candy	Fabric Softener	Impression Materials	Skin Care	
Colognes	Foods (Flavor and Fragrance)	Laundry Products	Soap	

For additional information about products that might contain fragrance mix II, 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.