

## NA85: 2-Hydroxy-4-Methoxy-Benzophenone

### CAS#: 131-57-7

#### Patient Information

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Your patch test result indicates that you have a contact allergy to 2-hydroxy-4-methoxy-benzophenone. 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 2-hydroxy-4-methoxy-benzophenone found?

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2-hydroxy-4-methoxy-benzophenone is used in sunscreen lotions, creams, milks and oils. It may also be found in cosmetics, such as lipsticks, deodorants, self-tanning creams, blemish sticks and creams, moisturizers, anti-wrinkle eye creams, facial creams, body lotions, hand lotions, and hair care products such as conditioners, hair sprays and styling gels. Some patients may experience photoallergic reactions when exposed to sunlight while wearing products containing this substance.

#### How can you avoid contact with 2-hydroxy-4-methoxy-benzophenone?

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

- (2-Hydroxy-4-methoxyphenyl)phenylmethanone
- 2-Hydroxy-4-methoxybenzophenone
- Benzophenone-3
- Methanone, (2-hydroxy-4-methoxyphenyl)-phenylmethanone
- Oxybenzone
- Benzophenone, 2-hydroxy-4-methoxy-Benzophenone

#### What are some products that may contain 2-hydroxy-4-methoxy-benzophenone?

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- Car Washes and Gels
- Facial Cleansers
- Hair Care Products:
  - Conditioner
  - Hairspray
  - Shampoo
- Insecticide/Bug Repellent
- Makeup:
  - Lipstick
- Moisturizers/Creams/Toners/Lotions
- Perfumes/Colognes

\*For additional information about products that might contain **2-hydroxy-4-methoxy-benzophenone**, go to the Household Product Database online ([householdproducts.nlm.nih.gov](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.