



the art and science of smart patch testing™

## **NH454: Usnic acid**

### **CAS#: 7562-61-0**

### **Patient Information**

Your patch test results indicate that you have a contact allergy to usnic acid. 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 usnic acid found?**

Usnic acid is found in medicine, perfumery, cosmetics, and ecology. It exhibits antiviral, anti-inflammatory and analgesic activity. It is also included in creams, powders, toothpastes, mouthwashes, deodorants, hair shampoos, and sunscreen products.

#### **How can you avoid contact with usnic acid?**

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

- |                                   |                        |
|-----------------------------------|------------------------|
| ■ (+-)-Usnic acid                 | ■ NSC 8517             |
| ■ 2,6-Diacetyl-7,9-dihydroxy-8,9b | ■ Usnein               |
| ■ dimethyl-1,3(2H,9bh)            | ■ Usniacin             |
| ■ dibenzofurandione               | ■ Usnic acid           |
| ■ AI3-50457                       | ■ Usnic acid           |
| ■ BRN 1299865                     | ■ Usninsaeure          |
| ■ CCRIS 5518                      | ■ Usninsaeure [German] |
| ■ EINECS 204-740-7                | ■ Usno                 |
| ■ HSDB 7170                       |                        |

#### **What are some products that may contain usnic acid?**

##### **Cosmetics**

##### **Creams**

##### **Deodorants**

##### **Medications**

##### **Mouthwashes**

## Shampoos

## Sunscreens

\*For additional information about products that might contain **usnic acid**, 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.