

Allergy to Bronopol (2-bromo-2-nitropropane-1,3-diol)

What am I allergic to?

You have been found to be allergic to **Bronopol**, also known as **2-bromo-2-nitropropane-1,3-diol**.

What is Bronopol?

Bronopol is a formaldehyde-releasing preservative which kills bacteria, especially pseudomonas (a type of proteobacteria). It was invented by The Boots Company PLC, Nottingham, England in the early 1960s and first applications were as a preservative for pharmaceuticals.

Bronopol's low toxicity (at correct doses) and exceptional activity against bacteria ensured that it became popular as a preservative in many consumer products such as shampoos and cosmetics.

What must I avoid?

When present in any products, Bronopol will be listed (under its long name of **2-bromo-2-nitropropane-1,3-diol**) on the ingredients panel of the packaging. You should avoid any products which contain this chemical in the list of ingredients.

Where can Bronopol be found?

It is very widely used in cosmetics, topical medicaments and industry, and can be found in:

- Shampoos and conditioners
- Moisturisers and cleansers
- Make-up
- Mascara
- Medicated products
- Milk sampling
- Simulated silage
- Fabric conditioners and detergents
- Paints
- Textiles
- Hide processing
- Cooling towers
- Humidifiers

This list is not exhaustive.

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