



the art and science of smart patch testing™

## FA196: Sodium diphosphate

### Patient Information

Your patch test result indicates that you have a contact allergy to sodium diphosphate. 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 sodium diphosphate found?

Sodium diphosphate is used as a food additive and thickening agent. It is found in chicken nuggets, marshmallows, pudding, crab meat, imitation crab, canned tuna, and soy-based meat alternatives, toothpaste, dental floss, and household detergents.

### How can you avoid contact with sodium diphosphate?

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

- Anhydrous tetrasodium pyrophosphate
- Caswell No. 847
- Diphosphoric acid, tetrasodium salt
- EINECS 231-767-1
- EPA Pesticide Chemical Code 076405
- HSDB 854
- NSC 56751
- Natrium pyrophosphate
- Natrium pyrophosphat [German]
- Phosphotex
- Pyrophosphoric acid tetrasodium salt
- Sodium diphosphate (Na<sub>4</sub>P<sub>2</sub>O<sub>7</sub>)
- Sodium diphosphate, anhydrous
- Sodium phosphate (Na<sub>4</sub>P<sub>2</sub>O<sub>7</sub>)
- Sodium pyrophosphate (Na<sub>4</sub>P<sub>2</sub>O<sub>7</sub>)
- Sodium pyrophosphate, tetrabasic
- TSPP
- Tetranatriumpyrophosphat
- Tetranatriumpyrophosphat [German]
- Tetrasodium diphosphate
- Tetrasodium pyrophosphate
- Tetrasodium pyrophosphate, anhydrous
- Victor TSPP

### What are some products that may contain sodium diphosphate?

#### Hair Dyes:

- Garnier Nutrisse Permanent Crème Haircolor, Black Licorice 10
- Garnier Nutrisse Permanent Crème Haircolor, Brown Sugar 63
- LOreal Feria Haircolor, Cardinal 67, Rich Auburn
- LOreal Feria Haircolor, Chocolate Cherry 36, Deep Burgundy Brown
- LOreal Feria Haircolor, Crushed Garnet 41, Rich Mahogany
- LOreal Feria Haircolor, Espresso 40, Deeply Brown
- LOreal Feria Haircolor, French Roast 45, Deep Bronzed Brown
- LOreal Feria Haircolor, Pure Diamond 100, Very Light Natural Blonde
- LOreal Feria Haircolor, Sparkling Amber 63, Light Golden Brown
- LOreal Feria Haircolor, Starry Night 21, Bright Black
- Loreal Natural Match Hair Color
- LOreal Open Haircolor, Astral 10G, Golden Extra Light Brown
- LOreal Open Haircolor, Atlantis 5N, Natural Medium Brown
- LOreal Open Haircolor, Equinox 4G, Golden Dark Brown

- LOreal Open Haircolor, Horizon 10N, Natural Extra Light Brown
- LOreal Open Haircolor, Osiris 8K, Cool Medium Blonde
- LOreal Open Haircolor, Oxygen 6G, Golden Light Brown
- LOreal Open Haircolor, Solstice 7G, Golden Dark Blonde
- LOreal Open Haircolor, Stellar 6N, Natural Light Brown
- LOreal Preference Haircolor, Champagne Blonde 8 1/2A
- LOreal Preference Haircolor, Golden Blonde 8G
- LOreal Preference Haircolor, Light Amber Brown 6AM
- LOreal Preference Haircolor, Light Ash Blonde 9A
- LOreal Preference Haircolor, Light Ash Brown 6A
- LOreal Preference Haircolor, Light Brown 6
- LOreal Preference Haircolor, Lightest Golden Brown 6 1/2G
- LOreal Preference Haircolor, Medium Ash Blonde 7 1/2A
- LOreal Preference Haircolor, Medium Golden Brown 5G
- LOreal Preference Haircolor, Medium Amber Brown 5AM
- LOreal Preference Haircolor, Medium Blonde 8
- LOreal Preference les Blondissimes Haircolor, Extra Light Ash Blonde LB01
- LOreal Preference les Blondissimes Haircolor, Extra Light Natural Blonde LB02

### **Household Products:**

- Colgate Baking Soda & Peroxide w/ Tartar Control Clean Mint Toothpaste
- Colgate Kids Looney Tunes Upright Toothpaste
- Colgate Tartar Control Whitening Mint Toothpaste
- Devil Garage and Driveway Cleaner
- Ultra Brite Gel

### **Toothpastes:**

- Arm & Hammer Dental Care Whitening Toothpaste
- Aquafresh All Tartar Control Toothpaste
- Crest Extra Whitening with Tartar Protection Toothpaste
- Crest Multi Care Toothpaste, Cool Mint Gel
- Crest MultiCare Whitening Fluoride Anticavity Toothpaste, Fresh Mint
- Crest Rejuvenating Effects Fluoride Anticavity Toothpaste
- Crest Tartar Control Fresh Mint Gel Toothpaste
- Crest Tartar Control Smooth Mint Gel Toothpaste
- Crest Tartar Control Whitening Plus Scope, Minty Fresh Gel
- Crest Tartar Control Toothpaste Regular
- Crest Whitening Toothpaste Plus Scope, Minty Fresh Striped
- Crest Tartar Control Fresh Mint Gel Toothpaste
- Colgate Cavity Protection Toothpaste
- Colgate Sensitive Maximum Strength Toothpaste
- Colgate Childrens 2-in-1 Toothpaste & Mouthwash, Bubblegum
- Ultra Brite Baking Soda & Peroxide Whitening Toothpaste
- Ultra Brite Advanced Whitening Clean Mint Toothpaste
- Colgate Baking Soda & Peroxide w/ Tartar Control Whitening Toothpaste
- Colgate Toothpaste, Regular
- Ultra Brite Toothpaste
- Crest Extra Whitening w/Tartar Protection Clean Mint Gel Toothpaste
- Crest Multi Care Toothpaste, Fresh Mint Gel
- Crest Tartar Control Toothpaste, Regular

- Crest Whitening Toothpaste Plus Scope, Cool Peppermint
- Crest Tartar Control Whitening Plus Scope, Cool Peppermint Gel
- Crest Tartar Protection Fluoride Anticavity Toothpaste, Fresh Mint Gel
- Crest MultiCare Fluoride Anticavity Toothpaste, Cool Mint
- Crest Baking Soda & Peroxide Whitening with Tartar Protection
- Crest Tartar Control Smooth Mint Gel Toothpaste
- Crest Whitening Toothpaste Plus Scope, Cool Peppermint
- Crest Baking Soda & Peroxide Whitening with Tartar Protection
- Colgate Simply White Advanced Whitening Toothpaste
- Colgate 2-in-1 Toothpaste Mouthwash Whitening Icy Blast
- Colgate Childrens 2-in-1 Toothpaste & Mouthwash, Watermelon
- Ultra Brite Toothpaste

\*For additional information about products that might contain **sodium diphosphate**, 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.