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## **BASF Podcast: The Chemical Reporter - What is the chemistry behind a permanent wave hairstyle?**

*Ludwigshafen (ots) -*

The key to understanding lies in the molecular structure of hair. A single hair is made up of a bundle of fibers. The individual fibers are in turn made up of even smaller threadlike components known as fibrils. And in their turn, fibrils are made up of chains of protein molecules - mostly the tough structural protein keratin - that are twisted together and attached to one another with chemical bridges made of sulfur or hydrogen atoms. If you want to change it, then you first have to dissolve the bonds. In entertaining episodes our Chemical Reporter answers questions of our Podcast listeners on Chemistry in our everyday life.

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