

**Chemical designation /  
Synonyms**

**Product description**

Dicalcium phosphate dihydrate  
Dibasic calcium phosphate  
Dicalcium orthophosphate  
Calcii hydrogenophosphas  
dihydricus  
Dicalcium phosphate anhydrate  
Calcii hydrogenophosphas  
anhydricus  
CaHPO<sub>4</sub>  
Tribasic calcium phosphate  
Pentacalcium hydroxy  
monophosphate  
Tricalcii phosphas  
DCP  
TCP  
E341 (i), (ii) oder (iii)

Calcium phosphate is a white, odorless and tasteless powder or granular material, which is obtained by bringing about a chemical reaction. The product is a calcium salt of orthophosphoric acid. Calcium phosphate is practically insoluble in alcohol, soluble in diluted hydrochloric acid and diluted nitric acid. Dicalcium phosphate is available as anhydrate or dehydrate and is moreover available as tricalcium phosphate.

In the food area calcium phosphate is added, amongst other things, to coffee whitener, milk powder, baking mixtures and dry food.

Moreover, calcium phosphate is used in the areas of pharmaceuticals and food supplements.