

**Chemical designation /  
Synonyms****Product description**

Dicalcium phosphate dihydrate

Dibasic calcium phosphate

Dicalcium orthophosphate

Calcii hydrogenophosphas  
dihydricus

Dicalcium phosphate anhydrate

Calcii hydrogenophosphas  
anhydricusCaHPO<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.