

37300 Walnut Hulls

C.I. Natural Brown 7

engl.: walnut hulls, walnut husks

frz.: coquilles de noix

Walnut hulls are the outer shells of walnuts, these are from the walnut trees of *Juglans regia* as well as those of *Juglans nigra*. Both trees belong to the family of the Juglandaceae.

The coloring agent of the green walnut shells are pyrogallol and hydro juglone. Pyrogallol oxidizes to a braun dye in an alkaline solution. Hydro juglone oxidizes to juglone after contact with air which is mostly found in the dry shells. In addition to these naphthochinone dyes, walnut shells also contain tannins.