

## TECHNICAL DATA SHEET

Cosmetische kleurstof - waterbasis - oranje / Cosmetic colorant - water based - orange - KCW05

### DEFINITION

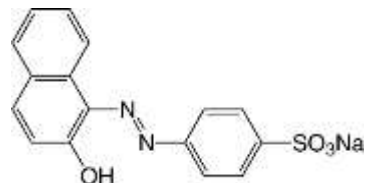
Chemical name Sodium 4-[(2-hydroxy-1-naphthyl)azo]benzenesulphonate

INCI Name CI 15510

COLOUR INDEX 15510

CAS Nr 633-96-5

EINECS Nr 211-199-0



### REGULATIONS

EU Cosmetic Directive Annex IV, Part 1, Cat 2

Food Directive -----

FDA DC Orange 4

JAPAN II Orange 205

<b>Pure dye content</b>	87% Min.
<b>Water insoluble matter</b>	0.2 Max.
<b>Volatile matter and Chlorides and Sulfates (as Na)</b>	13% Max
<b>Intermediates and subsidiary colors</b>	Passes test
<b>IR Spectrum</b>	Passes test
<b>Heavy metals :</b>	
<b>Arsenic</b>	< 3 ppm
<b>Lead</b>	< 20 ppm
<b>Manganese</b>	< 50 ppm
<b>Chromium</b>	< 50 ppm
<b>Mercury</b>	< 1 ppm
<b>Cadmium</b>	< 1 ppm

### CHEMICAL & PHYSICAL PROPERTIES

<b>Aspect</b>	Yellowish red powder
<b>Maximum absorption</b>	484 (+-5) nm
<b>Fastness to acids</b>	Good
<b>Fastness to alcali</b>	Stable
<b>Fastness to light</b>	Good

**FIELDS OF USE :** All water based cosmetic products such as skin care, hair care, toiletries