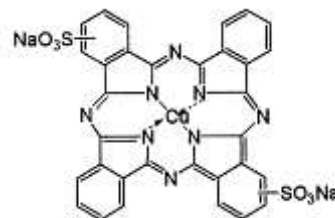


TECHNICAL DATA SHEET

Cosmetische kleurstof - waterbasis - blauw azuur / Cosmetic colorant - water based - blue azure - KCW11

DEFINITION

Chemical name	Disodium [29H,31H-phthalocyaninedisulphonato(4-)-N29,N30,N31,N32] cuprate(2-)
INCI Name	CI 74180
COLOUR INDEX	74180
CAS Nr	1330-38-7
EINECS Nr	215-537-8



REGULATIONS

EU Cosmetic Directive	Annex IV, Part 1, Cat 4
Food Directive	-----
FDA	-----
JAPAN	-----

Pure dye content	70% Min.
Water insoluble matter	0.2 Max.
Volatile matter and Chlorides and Sulfates (as Na)	15% Max
Heavy metals :	
Arsenic	< 3 ppm
Lead	< 20 ppm
Manganese	< 50 ppm
Chromium	< 50 ppm
Mercury	< 1 ppm
Cadmium	< 1 ppm

CHEMICAL & PHYSICAL PROPERTIES

Aspect	Dark bluish powder
Maximum absorption	624 (+-5) nm
Fastness to acids	Poor
Fastness to alkali	Stable
Fastness to light	Good

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