

TECHNICAL DATA SHEET

Cosmetische kleurstof - waterbasis - blauw / Cosmetic colorant - water based - blue - KCW01

DEFINITION

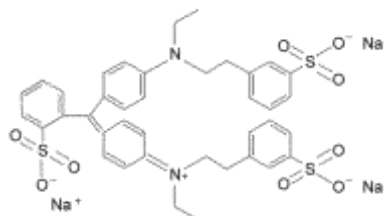
Chemical name disodium;2-[[4-[ethyl-[(3-sulfonatophenyl)methyl]amino]phenyl]-4-[ethyl-[(3-sulfonatophenyl)methyl]azoniumylidene]cyclohexa-2,5-dien-1-ylidene]methyl] benzenesulfonate

INCI Name CI 42090

COLOUR INDEX 42090

CAS Nr 3844-45-9

EINECS Nr 223-339-8



REGULATIONS

EU Cosmetic Directive Annex IV, Part 1, Cat 1

Food Directive E133

FDA FDC Blue 1, allowed in all cosmetic products

JAPAN I Blue 1

Pure dye content	85% Min.
Water insoluble matter	0.2 Max.
Volatile matter	10% Max.
Chlorides and sulfates (as Na salts)	4% Max.
Heavy metals :	
Arsenic	< 1 ppm
Lead	< 10 ppm
Manganese	< 50 ppm
Chromium	< 50 ppm
Mercury	< 1 ppm
Cadmium	< 1 ppm

CHEMICAL & PHYSICAL PROPERTIES

Aspect	Red violet powder
Maximum absorption	630 (+ 5)
Water solubility	Soluble in water
Fastness to acids	Poor
Fastness to alkali	Stable (avoid extreme pH values)
Fastness to light	Good

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