

COLORANTE BLACK AQUEOUS

Aqueous pigment preparation for application in cosmetics, home and fabric care

shade	gray to black				
physical form	black paste				
shelf life	at least 2 years from the date of manufacture				
fastness to light	8 (full shade)	(1 = worst, 8 = best rating)			
microbiological profile					
total viable count ≤ 100 cfu/g	gram-negative bacilli negative to test/0.1 g	staphylococcus aureus negative to test/0.1 g			
solubility (20 °C [68 °F])					
water miscible, easily dispersible	oils not miscible	ethanol 80 % not miscible	poly alcohols not miscible		
pH stability (0.005 % colorant, 45 °C [113 °F], 3 months)					
	pH 1.0	pH 3.0	pH 9.0	pH 11.0	pH > 13.0
instant color change	no	no	no	no	no
chemical stability	stable	stable	stable	stable	stable
bleach stability (0.005 % colorant, 45 °C [113 °F], 3 months)					
1.5 % NaOCl (pH 11)	20 % H₂O₂ (pH 7)				
unstable	unstable				

application	most water-containing personal care formulations (e.g., toilet soaps), home and fabric care applications (e.g., detergent bars, powders and tablets); can also be used in many liquid formulations
guideline for use	The product is an aqueous preparation containing very finely milled, predispersed pigment particles. It is compatible with most solid products and water-based pastes or gels. It can be used to color liquid products as well, provided the formulation allows for sufficient dispersion of the particles. Because it is a liquid and pre-dispersed, the product can be easily added to formulations, e.g., in pre-diluted form. To avoid dilution shock (agglomeration of particles), it is recommended that the product is diluted carefully in several steps while stirring.