



Reactive Blue C.I.: 21

CHEMICAL COMPOSITION

Chemical Structure	$\text{CuPe} \begin{matrix} \\ (\text{SO}_3\text{Na})_x \\ \end{matrix} \left(\text{SO}_2\text{NH} - \text{C}_6\text{H}_4 - \text{SO}_2\text{CH}_2\text{CH}_2\text{OSO}_3\text{Na} \right)_y$ $x+y=3.5$
I.U.P.A.C. Name	Copper, [29H,31H-phthalocyaninato(2-)-N29,N30,N31,N32]-, sulfo[[4-[[2-(sulfooxy)ethyl]sulfonyl]phenyl]amino]sulfonyl derivs.
C.A.S. Number	73049-49-0 / 12236-86-1
Empirical Formula	No available
Molecular Weight	No available gr/mol
Color Index Name	Reactive Blue 21
Color Index N°	No available
EINECS	277-257-2

Properties	Solubility in Water	Soluble 150 g/lit at 25° C		
	Odor and Taste	Light Characteristic Odor		
	Physical appearance	Blue Powder		
	Incompatibility	Strong oxidizing agents or reducing agents		
	Reaction to light	Light fastness: 5		
Hazards identification	OSHA hazards	No known OSHA hazards		
	HMIS Classification	Health 1	Fire 0	Reactivity 0
	NFPA Rating	Health 1	Fire 0	Reactivity 0

FASTNESS PROPERTIES

Standard	Light Fastness	Oxygen bleaching		Perspiration Fastness		Soaping	
		Fading	Stain	Fading	Stain	Fading	Stain
ISO	6 – 7	5	5	5	4 – 5	4 (75°C)	4

STANDARD PACKING: 25 Kg Carton box

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