



# Allifix Black SP-GRP

## CHEMICAL COMPOSITION (BLEND)

Chemical Structure			
Mix Component	Blue Component	Yellow Component	Red Component
% Range in Mix	≥ 50 %	≥ 22 %	≥ 28 %
Chemical Family	Double Azo	Single Azo	Single Azo
C.A.S. Number	93051-44-6	79809-27-1	12226-38-9
Empirical Formula	C <sub>38</sub> H <sub>23</sub> IN <sub>10</sub> Na <sub>6</sub> O <sub>22</sub> S <sub>7</sub>	C <sub>31</sub> H <sub>20</sub> ClN <sub>7</sub> O <sub>16</sub> S <sub>5</sub> ·4Na	C <sub>31</sub> H <sub>19</sub> Na <sub>5</sub> ClN <sub>7</sub> Na <sub>5</sub> O <sub>19</sub> S <sub>6</sub>
Molecular Weight	1460.91 g/mol	1034.25 g/mol	1034.27 gr/mol
Color Index Name	R. B. 222	R.O.122	R.R.250
Color Index N°	No index	No index	No Index

Properties	Solubility in Water	Soluble in water > 80 g/lit at 50°C		
	Odor and Taste	Light Characteristic Odor		
	Physical appearance	Black Powder or granules		
	Incompatibility	Strong oxidizing agents or reducing agents		
	Reaction to light	Light fastness: 4 – 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	4 – 5	5	5	5	5	5	5

**STANDARD PACKING:** 25 Kg Carton box

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