



**QINGDAO SANHUAN COLORCHEM CO., LTD.**

RM2301,BUILDING 4,PENGLINANHUA Plaza,  
12 LIAOYANG EAST ROAD, QINGDAO,CHINA  
EMAIL: michael@cncolorchem.com

TEL:0086 532 88978177/88978188  
FAX:0086 532 88962988/88967877  
WEBSITE: www.cncolorchem.com

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## **TECHNICAL DATA SHEET**

### **Acid Blue 1**

#### **1. Product Name**

C.I. No.: ACID BLUE 1

CAS Number: 129-17-9

Chemical Formula: C<sub>27</sub>H<sub>31</sub>N<sub>2</sub>NaO<sub>6</sub>S<sub>2</sub>

Molecular Weight: 566.67

#### **2. Physical, Chemical and Resistance Properties**

Appearance: Dark Blue Powder

Shade: Similar to Standard

Tinting strength(%): 100±3

insolubility in water (%): ≤1

Moisture(%): ≤5

Residues on sieve(60 mesh) %: ≤5

The dyeing fastness in wool fabric (Grade) :

Light Fastness:2

Soaping Fastness Fading:3

Soaping Fastness Staining:4

Perspiration Fastness Fading: 4

Perspiration Fastness Staining: 2~3

Dry Rubbing Fastness:2~3

Wet Rubbing Fastness: 2

Ironing Fastness Dry: 4

Crabbing:4~5

#### **3. Application**

Direct printing and Coloring for Wool, Blending Fabric and Silk Fabric

Coloring for Carbon, Ink and Leather.

#### **4. Package**

Packed in 25kgs Iron Drum