



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

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## **TECHNICAL DATA SHEET**

### **Direct Blue 15**

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

C.I. No.: DIRECT BLUE 15

CAS Number: 2429-74-5

Chemical Formula: C<sub>34</sub>H<sub>24</sub>N<sub>6</sub>Na<sub>4</sub>O<sub>16</sub>S<sub>4</sub>

Molecular Weight: 992.81

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

Appearance: Blue Powder

Shade: Similar to Standard

Tinting strength(%): 100±3

insolubility in water(%): ≤0.8

Moisture(%): ≤8

Residue on sieve (80 mesh) % : ≤5

The dyeing fastness in cotton fabric (Grade) :

Light Fastness: 1~2

Soaping Fastness Fading(40°C): 2~3

Soaping Fastness Staining(40°C): 2~3

Water Logging Fastness Fading: 2~3

Water Logging Fastness Staining: 1~2

Ironing Fastness: 4~5

Perspiration Fastness Fading: 3~4

Perspiration Fastness Staining: 1~4

Dry Rubbing Fastness: 4~5

Wet Rubbing Fastness: 2~4

Sulphuric Acid Resistance: 3

Acetic Acid Resistance: 4

Sodium Carbonate Resistance: 3~4

#### **3. Application**

Dyeing for Viscose Fabric.

Coloring for Cotton, Viscose, Silk.

Dyeing for Paper and Ink.



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#### **4.Package**

Packed in 25kgs Bag/Carton/Iron drum