



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

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## **TECHNICAL DATA SHEET**

### **Direct Black 19**

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

C.I. No.: DIRECT BLACK 19

CAS Number: 6428-31-5

Chemical Formula: C<sub>34</sub>H<sub>27</sub>N<sub>13</sub>Na<sub>2</sub>O<sub>7</sub>S<sub>2</sub>

Molecular Weight: 839.77

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

Appearance: Black Powder

Shade: Similar to Standard

Tinting strength(%):100±3

insolubility in water(%):≤1

Moisture(%):≤7

Residues on sieve( 80mesh) % : ≤5

PH Value:8.5~9.5

The dyeing fastness in cotton fabric (Grade) :

Light Fastness:4

Soaping Fastness Fading:3

Soaping Fastness Staining:1~2

Water Logging Fastness Fading:4

Water Logging Fastness Staining:1~2

Ironing Fastness: 2~4

Perspiration Fastness Fading: 4

Perspiration Fastness Staining:2

Dry Rubbing Fastness: 2

Wet Rubbing Fastness:3

Sulphuric Acid Resistance:2

Acetic Acid Resistance:1~2

Sodium Carbonate Resistance:3

#### **3. Application**

Dyeing and Printing for Viscose .

Dyeing for Cotton, Silk, Viscose and Wool.



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Coloring for Leathers, Paper and Alumite.

#### **4.Package**

Packed in 25kgs Bag/Iron drum