



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

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## **TECHNICAL DATA SHEET**

### **Acid Red 1**

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

C.I. No.: ACID RED 1

CAS Number: 3734-67-6

Chemical Formula: C<sub>18</sub>H<sub>13</sub>N<sub>3</sub>Na<sub>2</sub>O<sub>8</sub>S<sub>2</sub>

Molecular Weight: 509.42

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

Appearance: Red Powder

Shade: Similar to Standard

Tinting strength(%): 200±3

insolubility in water (%):≤1

Moisture(%):≤5

Residues on sieve(80 mesh) %:≤5

The dyeing fastness in wool fabric (Grade) :

Light Fastness :4~5

Soaping Fastness Fading:4

Soaping Fastness Staining:5

Water Logging Fastness Fading: 4~5

Water Logging Fastness Staining: 2

Carbonization:3~4

Perspiration Fastness Fading: 3

Perspiration Fastness Staining: 1~2

Crabbing Fading:4

Crabbing Staining:1~2

Dry Rubbing Fastness: 4

Wet Rubbing Fastness: 3~4

Dryclean: 4~5

Ironing Fastness: 4~5

#### **3. Application**

Dyeing for Wool Fabric

Direct printing for Wool Fabric, Polyamide and Silk Fabric

Coloring for Paper, Soap and Wood



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Dyeing for Cosmetic, Plastic and Pharmaceutical

#### **4.Package**

Packed in 25kgs Carton/Fiber Drum