



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

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## **TECHNICAL DATA SHEET**

### **Vat Red 1**

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

C.I. No.: VAT RED 1

CAS Number: 2379-74-0

Chemical Formula: C<sub>18</sub>H<sub>10</sub>Cl<sub>2</sub>O<sub>2</sub>S<sub>2</sub>

Molecular Weight: 393.31

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

Appearance: Red Powder

Shade: Similar to Standard

Tinting strength(%): 100±3

Residue on sieve(60mesh) % : ≤2

The dyeing fastness in cotton fabric (Grade) :

Light Fastness (Standard) :6

Light Fastness(1/12 deep):4

Soaping Fastness Fading:4~5

Soaping Fastness Staining: 5

Chlorine Fastness:4~5

Oxygen Fastness:4~5

Ironing Fastness:4~5

Ironing Fastness(4h later):5

Perspiration Fastness Fading:4~5

Perspiration Fastness Staining:4~5

Dry Rubbing Fastness: 4~5

Wet Rubbing Fastness:4

Mercerization:4Y

Mercerization Staining:5

#### **3. Application**

Dyeing and Printing for Cotton Fabric.

Coloring and Printing for Chinlon, Viscose and Silk.

#### **4. Package**



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Packed in 25kgs Bag.