Vat Orange 11



Vat Orange 11 **Chemical Property**

Vat Orange 11 is red brown powder and insoluble in water, ethanol, acetone, chloroform, toluene, slightly soluble in o-chlorophenol and pyridine.

Vat orange 11 appears red brown in concentrated sulfuric acid and produces a brownish yellow precipitate after dilution. It appears dark reddish brown in alkaline reducing solution and dark yellow in acidic solution.

Vat Orange 11 Application

*Cellulose fiber dyeing:

*Cotton fabrics: mainly used for indoor textiles, such as curtains, home decor fabrics, sofa fabrics, tablecloths, etc.

*Adhesive/synthetic silk fabric: used for producing vibrant clothing linings and decorative items.

*Coloring with Restoration Blue RS (Restoration Blue 4): This is a classic and important use of it. Mixing restored orange 11 and restored blue RS in a certain proportion can result in a series of colors ranging from navy blue to black, with excellent color matching effect and pure color light.

*Cellulose fiber printing: used for printing patterns that require bright orange colors.

*Colored yarn dyeing: used for dyeing decorative colored yarns, but it is important to avoid using yarns that are subjected to high tension.

Vat Orange 11 Specification

» **Product name:** Vat Yellow 3RT

» **Type:** Vat Dyes

» **CAS NO.:** 2172-33-0

» **MF:**C42H18N2O6

Vat Orange 11 Physical Propertie

Basic Information	
Product Name	Vat Yellow 3RT
Colour Index	C.I. vat orange 11
CAS No.	2172-33-0
Specification	
Shade	Similar With Standard
Strength	100%
Appearance	Powder .
Moisture %?	1.20
Insoluble Matter %?	0.20
Application	Printing and dyeing cotton

Vat dyes list

还原染料色卡 · Vat Dyes

沧州信诚伟业化工有限公司
CANGZHOU XINCHENG WEIYE CHEMICAL CO.,LTD.
www.xcwychem.com

序号 No.	色样 Shade Card	染料名称 Product Name
01.		Yellow G C.I. Vat Yellow 1
02.		Yellow GCN C.I. Vat Yellow 2
03.		Yellow F3G C.I. Vat Yellow 33
04.		Golden Orange 2RT C.I. Vat Orange 2
05.		Orange RF C.I. Vat Orange 5
06.		Brilliant Orange GR C.I. Vat Orange 7
07.		Orange 3RT C.I. Vat Orange 11
08.		Pink Red R C.I. Vat Red 1
09.		Red FBB C.I. Vat Red 10
10.		Red 6B C.I. Vat Red 13
11.		Scarlet GG C.I. Vat Red 14
12.		Bordeaux 2R C.I. Vat Red 15
13.		Scarlet R C.I. Vat Red 29
14.		Red F3B C.I. Vat Red 31

序号 No.	色样 Shade Card	染料名称 Product Name
15.		Brilliant Violet RR C.I. Vat Violet 1
16.		Violet RRN C.I. Vat Violet 3
17.		Brilliant Violet 3B C.I. Vat Violet 9
18.		Indigo Blue C.I. Vat Blue 1
19.		Blue RSN C.I. Vat Blue 4
20.		Blue 4B C.I. Vat Blue 5
21.		Blue BC C.I. Vat Blue 6
22.		Blue GCDN C.I. Vat Blue 14
23.		Dark Blue BO C.I. Vat Blue 20
24.		Brilliant Green FFB C.I. Vat Green 1
25.		Olive Green B C.I. Vat Green 3
26.		Brown BR C.I. Vat Brown 1
27.		Brown RN C.I. Vat Brown 3
28.		Olive T C.I. Vat Black 25

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Product link：https://www.xcwydyes.com/vat-orange-11.html