

Search

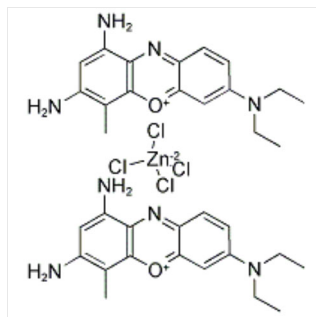
Hot Keywords: 18162-48-6,872-50-4,Methylene Chloride,naphthalene,THF,Titanium Dioxide

ChemicalBook >>Brilliant Cresyl Blue>>Brilliant Cresyl Blue(81029-05-2)

Brilliant Cresyl Blue(81029-05-2)

Contents

Product Identification
Physical and Chemical Properties
First Aid Measures
Handling and Storage
Hazards Identification
Exposure Controls/Personal Protection
Fire Fighting Measures
Accidental Release Measures
Stability and Reactivity



[Back to Contents](#)

Product Identification

【Product Name】

Brilliant Cresyl Blue

【Synonyms】

(7,9-Diamino-6-methyl-5a,9a-dihydrophenoxazin-3-ylidene)-diethyl-azanium chloride
1,3-Diamino-7-(diethylamino)-4-methylphenoxazin-5-ium tetrachlorozincate (2:1)
C.I. 51010
Cresyl Blue 2RN
Phenoxazin-5-ium, 1,3-diamino-7-(diethylamino)-4-methyl-, (T-4)-tetrachlorozincate(2-) (2:1)

【CAS】

81029-05-2

【Formula】

2C17H21N4O.Cl4Zn

【Molecular Weight】

801.96

【EINECS】

279-675-0

【Beilstein/Gmelin】

5206281

Brilliant Cresyl Blue(81029-05-2) More Suppliers

Company Name:	BIOISCO(Lianyungang, Jiangsu) Biotechnology Co., Ltd
Tel:	18082049515
Fax:	
WebSite:	https://www.bio149.com

Company Name:	J & K SCIENTIFIC LTD.
Tel:	010-82848833 400-666-7788
Fax:	86-10-82849933
WebSite:	http://www.jkchemical.com

Company Name:	Meryer (Shanghai) Chemical Technology Co., Ltd.
Tel:	021-61259108 18621169085
Fax:	86-21-61259102
WebSite:	www.meryer.com/cn/index/

Company Name:	Adamas Reagent, Ltd.
Tel:	400-6009262 16621234537
Fax:	021-64823266
WebSite:	www.tansoole.com

Company Name:	BEST-REAGENT
Tel:	400-1166-196 18981987031
Fax:	028-84555506 800101999
WebSite:	http://www.hx-r.com/

Company Name:	Sinopharm Chemical Reagent Co., Ltd.
Tel:	86-21-63210123
Fax:	86-21-63290778 86-21-63218885
WebSite:	www.reagent.com.cn

Company Name:	ShangHai YuanYe Biotechnology Co., Ltd.
Tel:	021-61312847 13636370518
Fax:	021-55068248
WebSite:	http://www.shyuanye.com

Company Name:	Thermo Fisher Scientific
---------------	--------------------------

Physical and Chemical Properties

[Back to Contents](#)

Tel:	800-810-5118
Fax:	+86-10-84193589
WebSite:	www.thermo.com.cn

【Appearance】

Dark blue powder.

【pKa/pKb】

6.0, 11.0(at 25°C) (pKa)

【Heat Of Vaporization】

【Usage】

Biological stain.

First Aid Measures

[Back to Contents](#)

【Ingestion】

Do NOT induce vomiting. If victim is conscious and alert, give 2-4 cupfuls of milk or water. Never give anything by mouth to an unconscious person. Get medical aid.

【Inhalation】

Remove from exposure to fresh air immediately. If not breathing, give artificial respiration. If breathing is difficult, give oxygen. Get medical aid.

【Skin】

Get medical aid. Flush skin with plenty of soap and water for at least 15 minutes while removing contaminated clothing and shoes. Wash clothing before reuse.

【Eyes】

Immediately flush eyes with plenty of water for at least 15 minutes, occasionally lifting the upper and lower eyelids. Get medical aid.

Handling and Storage

[Back to Contents](#)

【Storage】

Keep container closed when not in use. Store in a tightly closed container. Store in a cool, dry, well-ventilated area away from incompatible substances. Store protected from light.

【Handling】

Wash thoroughly after handling. Remove contaminated clothing and wash before reuse. Use with adequate ventilation. Avoid contact with eyes, skin, and clothing. Keep container tightly closed. Avoid ingestion and inhalation. Store protected from light.

Hazards Identification

[Back to Contents](#)

【Inhalation】

Causes respiratory tract irritation. Can produce delayed pulmonary edema.

【Skin】

Causes skin irritation.

【Eyes】

Causes eye irritation. May cause chemical conjunctivitis.

【Ingestion】

May cause gastrointestinal irritation with nausea, vomiting and diarrhea.

Exposure Controls/Personal Protection

[Back to Contents](#)

【Personal Protection】

Eyes: Wear appropriate protective eyeglasses or chemical safety goggles as described by OSHA's eye and face protection regulations in 29 CFR 1910.133 or European Standard EN166. Skin: Wear appropriate protective gloves to prevent skin exposure. Clothing: Wear appropriate protective clothing to prevent skin exposure.

【Respirators】

A respiratory protection program that meets OSHA's 29 CFR 1910.134 and ANSI Z88.2 requirements or European Standard EN 149 must be followed whenever workplace conditions warrant a respirator's use.

【Exposure Effects】

Effects may be delayed.

Fire Fighting Measures

[Back to Contents](#)

【Fire Fighting】

Wear a self-contained breathing apparatus in pressure-demand, MSHA/NIOSH (approved or equivalent), and full protective gear. During a fire, irritating and highly toxic gases may be generated by thermal decomposition or combustion. This material in sufficient quantity and reduced particle size is capable of creating a dust explosion. Extinguishing media: Use agent most appropriate to extinguish fire. In case of fire use water spray, dry chemical, carbon dioxide, or appropriate foam.

Accidental Release Measures

[Back to Contents](#)

【Small spills/leaks】

Vacuum or sweep up material and place into a suitable disposal container. Clean up spills immediately, using the appropriate protective equipment. Avoid generating dusty conditions. Provide ventilation.

Stability and Reactivity

[Back to Contents](#)

【Stability】

Stable under normal temperatures and pressures.

【Incompatibilities】

Strong oxidizing agents.

【Decomposition】

Hydrogen chloride, nitrogen oxides, carbon monoxide, irritating and toxic fumes and gases, carbon dioxide, nitrogen.