

# Material Safety Data Sheet

Issue Date: 11/28/2006

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## Section 1: Chemical Product and Company Identification

Cat#: 00022

Part Name: CRYSTAL VIOLET CI 42555 CERTIFIED

Supplier: Polysciences, Inc.  
400 Valley Road  
Warrington, PA 18976  
Telephone #215-343-6484

## Section 2: Composition/ Information on Ingredients

Item#	Name	CAS#	% in product
1	4,4'-Bis(dimethylamino)benzophenone	000090948	0.001
2	Crystal violet	000548629	100

## OSHA (ACGIH) Exposure Limits

CAS#	IDLH	TWA		STEL		CEILING	
		ppm	mg/	ppm	mg/m3	ppm	mg/m3
000090948	NE	NE	NE	NE	NE	NE	NE
000548629	NE	NE	NE	NE	NE	NE	NE

## Section 3: Hazards Identification

Causes severe eye burns.  
Causes skin irritation.  
Dust is extremely irritating to respiratory tract.  
Harmful if inhaled or swallowed.  
Suspect cancer hazard.

## Section 4: First Aid Measures

Contact medical personnel if discomfort persists.  
Contact medical personnel.  
Flush eyes with flowing water for at least 15 minutes.  
If breathing is difficult, contact emergency personnel.  
If swallowed, wash out mouth with water if person is conscious.  
Separate eyelids with finger tips.  
Wash skin with deluge of water for at least 15 minutes.

## Section 5: Fire Fighting Measures

Flash point, deg F.: no data                      Method: no data  
UEL: nap                      LEL: nap                      Autoignition temperature, deg. F.: no data  
Flammability Classification: nap                      Flame Propagation Rate: no data  
Hazardous Combustion Products: hazardous fumes

## Section 6: Accidental Release Measures

Any information listed below is to be considered in addition to internal guidelines for isolation of spill, containment of spill, removal of ignition sources from immediate area, and collection for disposal of spill by trained, properly protected clean up personnel.  
Protect personnel from exposure.  
Sweep up solids.  
Ventilate the area.

## Section 7: Handling and Storage

Keep away from light.  
Store at room temp

**Section 8: Exposure Controls/ Personal Protection**

The use of eye protection in the form of safety glasses with side shields and the use of skin protection for hands in the form of gloves are considered minimum and non-discretionary in work places and laboratories. Any recommended personal protection equipment or environmental equipment is to be considered as additional to safety glasses and gloves.

Use chemical splash goggles and face shield.

Use latex or equivalent gloves.

Use process enclosures, local exhaust ventilation, or other engineering controls.

**Section 9: Physical and Chemical Properties**

Formula:	C25H30ClN3	vapor pressure:	nap
Formula Weight:	no data	vapor density:	nap
boiling point:	nap	Specific gravity:	0
melting point:	215 C dec.	ph:	no data
solubility:	no data	appearance:	green powder

**Section 10: Stability and Reactivity**

**Section 11: Toxicological Information**

Acute Data: LD50 oral rat 420 mg/kg; LD50 oral mouse 96 mg/kg

Subchronic data: carcinogen; may alter genetic material

**Section 12: Ecological Information**

no data

**Section 13: Disposal Considerations**

The following chart lists the status of the chemical and its components in reference to 40 CFR Part 261.33. If the product is listed by code number the substance may be subject to special federal and state disposal regulations. If no codes are listed the material must be disposed in compliance with all Federal, State and Local Regulations.

CAS#	Waste Code	Regulated Name
000090948	not listed	not listed
000548629	not listed	not listed

**Section 14: Transportation Data**

Refer to bill of lading or container label for DOT or other transportation hazard classification , if any.

**Section 15: Regulatory Information**

All components of this product are on the TSCA public inventory.

Prop 65 - Column A identifies those items which are known to the State of California to cause cancer. Column B identified items which are known to the State of California to cause reproductive toxicity.

CAS#	Column A	Column B
000090948	Yes	no
000548629	no	no

State Regulatory Information :If a CAS# is listed below this material is subject to the listed state right-to-know requirements.

CAS#	FL	MA	MN	NJ	PA
000090948					
000548629	not listed				

SARA Toxic Release Chemicals(as defined in Section 313 of SARA Title III)

This list identifies the toxic chemicals, including their de minimis concentrations for which reporting is required under Section 313 of the Emergency Planning and Community Right-to-Know Act (EPCRA). The list is also referred to as the Toxics Release Inventory (TRI) List.

CAS#	Regulated name	de minimis conc. %	Rep. Thres.
000090948	Michler's ketone	0.1	not listed
000548629	not listed	not listed	not listed

SARA Extremely Hazardous Substances and TPQs

This list includes hazardous chemicals as defined in 29 CFR 1910.1200(c); and extremely hazardous substances regulated under Section 302 of SARA Title III with their TPQs (in pounds), as listed in 40 CFR 355, Appendices A and B.

CAS#	Regulated name	TPQ (pounds)	EHS-RQ(pounds)
000090948	not listed	not listed	not listed
000548629	not listed	not listed	not listed

**CERCLA**

The hazardous substances, and their reportable quantities (RQs) are listed in the federal regulations at 40 CFR Part 302, Table 302.4. Release of a CERCLA hazardous substance in an amount equal to or greater than its RQ, in any 24-hour period, must be reported to the National Response Center at (800) 424-8802.

CAS#	Regulated name	RQ (pounds)
000090948	Not listed	Not listed
000548629	Not listed	Not listed

**Section 16: Other Information**

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END OF MSDS