

Product: SPECTRA CRYSTAL VIOLET 6B

SECTION 1: Identification of the substance/mixture and of the company/undertaking

Product identifiers:

Product Form: Substance
Product Name: **SPECTRA CRYSTAL VIOLET 6B**
Product Number: **7.BA.000300**
Color Index: BASIC VIOLET 003
CAS number: 548-62-9
Formula or Chemical family: TRIARYLMETHANE
Synonyms:

Intended Use of the Product: inks, coatings

Name, Address, and Telephone of the Responsible Party

Spectra Colors Corporation	Telephone	800-527-8588 (USA), 201-997-0606 (Int'l)
25 Rizzolo Road	Fax number	201-997-0504
Kearny, NJ 07032 USA	Email	dyes@spectracolors.com

EMERGENCY TELEPHONE NUMBER

Emergency phone number: **Chemtrec 800-424-9300 (USA)**
+1 703-527-3887 (Outside USA)

SECTION 2: Hazards Identification

Classification of the substance or mixture

GHS-US Classification

Carcinogen (Cat. 1)
Acute toxicity/oral (Cat. 4)
Skin corrosion/irritation (Cat. 2)
Acute toxicity/inhalation (Cat. 4)
Hazard aquatic environment-long term (Cat. 1)

Label Elements

GHS Labelling:

Hazard Pictograms (GHS-US):

	GHS08		GHS05		GHS09
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Signal Word (GHS-US): **Danger**

Hazard Statements (GHS-US)

H350 - May cause cancer
H302 - Harmful if swallowed
H318 - Causes serious eye damage
H313 - May be harmful in contact with skin
H400 - Very toxic to aquatic life
H410 - Very toxic to aquatic life with long lasting effects

SAFETY DATA SHEET (SDS)

According to OSHA HazCom Standard 29 CFR 1910.1200 (g), Rev 2012 and GHS Rev 03
Revision No. 0, Revision Date: 25-Mar-15
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Precautionary Statements (GHS-US)

P308 + P313 - IF exposed or concerned: Get medical advice/attention
P201 - Obtain special instructions before use
P202 - Do not handle until all safety precautions have been read and understood
P281 - Use personal protective equipment as required
P405 - Store locked up
P301 + P312 – IF SWALLOWED OR ON SKIN: Call a POISON CENTER / doctor/ physician if you feel unwell
P330 – Rinse mouth
P264 – Wash face thoroughly after handling
P270 - Do not eat, drink or smoke when using this product
P305 + 351 + P338 – IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses if present and easy to do. Continue rinsing.
P310 – IF IN EYES: Immediately call a POISON CENTER or doctor / physician
P280 - Wear eye protection/face protection
P273 - Avoid release to environment
P391 - Collect spillage
P501 - Dispose of contents/container in accordance with local / regional / national / international regulations

Other Hazards: No data available

Unknown acute toxicity (GHS US): No data available

SECTION 3: Composition/Information on Ingredients

Description of substance:

Name	Product Identifier CAS No.	Weight%	GHS-US Classification
BASIC VIOLET 003	548-62-9	100	Carcinogen (Cat. 1) Acute toxicity/oral (Cat. 4) Skin corrosion/irritation (Cat. 2) Acute toxicity/inhalation (Cat. 4) Hazard aquatic environment-long term (Cat. 1)

Hazardous ingredients:

Chemical Designation	CAS No	Concentration
MICHLER'S KETONE	90-94-8	<1.0%

Additional Information: None

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SECTION 4: First Aid Measures

Description of first aid measures

First Aid Measures General: Remove contaminated clothing

First-aid measures after inhalation: Remove to fresh air. If breathing is difficult, give oxygen and get immediate medical attention.

First-aid measures after skin contact: Wash affected area thoroughly with soap and water. If any irritation develops, consult a Physician.

First-aid measures after eye contact: Flush with plenty of cool water for at least 15 minutes, holding eyelids apart for thorough irrigation. Get immediate medical attention.

First-aid measures after ingestion: Do NOT induce vomiting unless directed to do so by medical professional.

Most important symptoms and effects, both acute and delayed:

A hazard evaluation of this product has been performed. This product is identified as a hazardous chemical under the criteria of the OSHA Hazard Communication Standard (29 CFR 1910.1200).

Indication of any immediate medical attention and special treatment needed:

No additional information

SECTION 5: Firefighting Measures

Extinguishing media

Suitable Extinguishing Media: WATER, DRY CHEMICAL, CARBON DIOXIDE, FOAM

Unsuitable Extinguishing Media:

Special hazards arising from the substance or mixture: NONE EXPECTED. FIREFIGHTERS SHOULD BE EQUIPPED WITH SELF-CONTAINED BREATHING APPARATUS TO GUARD AGAINST POTENTIALLY TOXIC AND IRRITATING FUMES. AVOID DUSTING. DUST CAN FORM EXPLOSIVE MIXTURES WITH AIR.

Fire Hazard: N/A

Explosion Hazard: N/A

Reactivity: N/A

Advice for firefighters

Firefighting Instructions: WEAR SELF-CONTAINED BREATHING APPARATUS.

Protection during firefighting: No additional information available

SECTION 6: Accidental release measures

Personal precautions, protective equipment and emergency procedures

General Measures:

For non-emergency personnel

Protective equipment: See Section 8

Emergency procedures:

For emergency responders

Protective equipment: See Section 8

Emergency procedures:

Avoid any uncontrolled release of material.

Environmental precautions: Do not empty into drains or the aquatic environment.

Methods and materials for containment and cleaning up

For containment: Where spills are possible, a comprehensive spill response plan should be developed and implemented. Steps to be taken if material is released or spilled are as follows: Utilize recommended protective clothing and equipment. Spills should be swept by using an absorbent dust control product and placed in containers.

For cleaning up: Spill area can be washed with water. Collect water for approved disposal. In the event of an uncontrolled release of this material, the user should determine if the release is reportable under applicable laws and regulations.

Reference to other sections: No additional information available.

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SECTION 7: Handling and storage

Precautions for safe handling

Additional hazards when processed:

Precautions for safe handling: CONTAINS <1% MICHLER'S KETONE (CAS# 90-94-8) WHICH WAS DETERMINED TO BE CARCINOGENIC IN RATS AND MICE IN BIOASSAY BY NCTR. OVEREXPOSURE MAY RESULT IN SEVERE IRRITATION.

Hygiene measures: N/A

Conditions for safe storage, including any incompatibilities

Technical measures: N/A

Storage conditions: RISK CODES

R22 HARMFUL IF SWALLOWED

R41 RISK OF SERIOUS INJURY TO EYES

R45(2) MAY CAUSE CANCER

R50/53 VERY TOXIC TO AQUATIC ORGANISMS, MAY CAUSE LONG-TERM ADVERSE EFFECTS IN THE AQUATIC ENVIRONMENT

R68(3) POSSIBLE RISK OF IRREVERSIBLE EFFECTS

Incompatible products: N/A

Incompatible materials: N/A

Storage area: N/A

Special rules on packaging: N/A

Specific end use(s): inks, coatings

SECTION 8: Exposure controls / personal protection

Control parameters

Exposure controls

Appropriate engineering controls: N/A

Personal protective equipment:



Hand protection: Wear protective gloves

Eye protection: Tightly sealed safety goggles or full face shield

Skin and body protection: Wear suitable protective clothing

Respiratory protection: Dust Mask

Thermal hazard protection: N/A

Other information: No additional information

SECTION 9: Physical and chemical properties

Information on basic physical and chemical properties

Appearance	
Physical state, appearance, color, odor	VIOLET POWDER
Odor Threshold:	No data
pH:	3.0 +/- 1.5
Melting Point/Freezing Point:	209.00
Initial boiling point/boiling range:	0.00

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Flashpoint:	NORMALLY STABLE, NOT COMBUSTIBLE NOR FLAMMABLE.
Evaporation rate:	No data
Flammability (solid, gas):	NORMALLY STABLE, NOT COMBUSTIBLE NOR FLAMMABLE.
Upper explosive limits:	N/A
Lower explosive limits:	N/A
Vapor pressure:	N/A
Vapor density:	N/A
Relative density:	N/A
Solubility in water:	Yes.
Partition coefficient n-octanol/water	No data
Auto-ignition temperature	No data
Decomposition temperature	No data
Viscosity, dynamic	No data
Viscosity, cinematic	No data
Explosive properties	N/A
Oxidizing properties	N/A

Other information

No additional information available

SECTION 10: Stability and reactivity

Reactivity: No data

Chemical stability: Stable

Possibility of hazardous reactions

No additional information available

Conditions to avoid: OXIDIZING & REDUCING AGENTS MAY DESTROY COLOR.

Incompatible materials: OXIDIZING & REDUCING AGENTS MAY DESTROY COLOR.

Hazardous decomposition products: CO, CO₂, OXIDES OF NITROGEN AND OTHER POTENTIALLY TOXIC FUMES.

SECTION 11: Toxicological information

Information on toxicological effects

Oral (Animal): Oral (rat) LD50: 420 mg/kg

Dermal (animal): Skin (rabbit): non- irritating, (The material may cause skin irritation after prolonged or repeated exposure and may produce a contact

dermatitis (nonallergic). This form of dermatitis is often characterized by skin redness (erythema) and swelling epidermis.

Histologically there may be intercellular oedema of the spongy layer (spongiosis) and intracellular oedema of the epidermis.)

Effects to eyes (Animal): IRRITATING.

Skin irritation (Animal): NOT IRRITATING.

RTECS#: BO9000000

Skin corrosion/irritation: Not classified

Serious eye damage/irritation: Causes serious eye irritation.

Respiratory or skin sensitization: Not classified

Germ cell mutagenicity: Not classified

Carcinogenicity: Not classified

Reproductive toxicity: Not classified

Specific target organ toxicity (single exposure): May cause drowsiness or dizziness.

Aspiration hazard: Not classified

Symptoms/injuries after inhalation: May cause drowsiness or dizziness.

Symptoms/injuries after eye contact: Causes serious eye irritation.

Symptoms/injuries after ingestion: Ingestion may cause nausea, vomiting and diarrhea.

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SECTION 12: Ecological information

Toxicity:

Very toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment.

Persistence and degradability: No data available

Bioaccumulative potential: No data available

Mobility in soil: Very toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment.

Other adverse effects: No additional information available

SECTION 13: Disposal considerations

Waste treatment methods

Regional legislation (waste): Dispose of only in an approved land-fill area or by controlled incineration in accordance with local and State regulations.

Waste disposal recommendations: Empty bags thoroughly. Carry out the proper recycling, re-usage or disposal. Please refer to the relevant EU regulations, in particular the guidelines/ decisions of the council regarding handling of wastes (e.g. 75/442/EEC, 91/689/EEC, 94/67/EC, 94/904/EC) as implemented in national regulations.

SECTION 14: Transport information

UN number: 3077

UN proper shipping name: None

Department of Transportation (DOT):

Transport hazard class(es): N/A

Hazard labels (DOT)

Packing group (DOT): N/A

DOT Special provisions:

Additional information

Overland transport: UN3077, ENVIRONMENTALLY HAZARDOUS SUBSTANCE, SOLID, N.O.S. (C.I. Basic violet 3), 9, III
Marine pollutant

Transport by sea: UN3077, ENVIRONMENTALLY HAZARDOUS SUBSTANCE, SOLID, N.O.S. (C.I. Basic violet 3), 9, III
Marine pollutant

Air transport: UN3077, ENVIRONMENTALLY HAZARDOUS SUBSTANCE, SOLID, N.O.S. (C.I. Basic violet 3), 9, III
Marine pollutant

DOT Quantity Limitations Passenger Aircraft:

DOT Quantity Limitations Cargo Aircraft:

SECTION 15: Regulatory information

US Federal regulations:

This substance is listed on United States TSCA (Toxic Substance Control Act) inventory.

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US State regulations: N/A

Other regulations

Chemical Identity	TSCA	DSL	NDSL	EINECS	ELINCS	ENCS	CHINA	KECL	PICCS	AICS
548-62-9	X	X	X	X	-	-	-	-	-	-

TSCA Status:

IN COMPLIANCE

E C Classification:

(67/548/EEC – 88/379/EEC) n/a

EINECS Number:

208-953-6

REACH Classification:

R-phrases:

Additional Regulatory Information:

UN3077, ENVIRONMENTALLY HAZARDOUS SUBSTANCE, SOLID, N.O.S.
(C.I. Basic violet 3), 9, III
MARINE POLLUTANT
RISK CODES - R22, R40, R41, R50/53, R45
THIS PRODUCT IS LISTED ON THE (DSL), CANADIAN DOMESTIC
SUBSTANCE LIST AND IS ALLOWED FOR IMPORT INTO CANADA IN
UNRESTRICTED QUANTITIES.

[4-[4,4'-bis(dimethylamino)benzhydrylidene]cyclohexa-2,5-dien-1-ylidene]dimethylammonium chloride (C.I. Basic Violet 3)

Other synonyms:

Aniline violet, Basic violet 3, Baszol Violet 57L, Brilliant Violet 58,
Hexamethyl-p-rostaniline chloride, Methylrosanilide chloride, Methyl
Violet 10B, Methyl Violet 10BNS, Pyoktanin, methylrosaniline chloride

SVHC LISTED - Substances listed on the Candidate list carry an immediate requirement for communication if they are present in products imported into Europe in concentrations of 0.1% or more by weight. This requirement exists for substances, mixtures and articles.

These substances may also be recommended for inclusion to the authorization list or become subject to restriction.

SECTION 16: Other information

Indication of changes:

Other information: N/A

GHS Full Text Phrases:

H350	H350 - May cause cancer
H302	Harmful if swallowed
H318	Causes serious eye damage
H313	May be harmful in contact with skin
H400	Very toxic to aquatic life
H410	Very toxic to aquatic life with long lasting effects

NFPA Rating: N/A

HMIS Rating : Health: 3 Flammability: 0 Reactivity: 0 Personal Protection: H

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SPECTRA COLORS CORP. makes every effort to assure that the information herewith enclosed in this transmission is accurate and current, to the best of our knowledge. Beyond the scope of these claims, Spectra Colors makes no promises as to the performance of our products in our customers finished applications; neither can we anticipate end-use characteristics. Likewise it is the end-user's responsibility to assure that Spectra Colors dye products are in compliance with all local, federal and global regulations regarding the storage, the use and the disposal of these same dye products. Spectra Colors Corp. provides these materials for informational purposes only and does not hereby make any express or implied warranty regarding merchantability, fitness for a particular purpose, regulatory compliance, or any other matter.