

Safety Data Sheets



Aqua-Dispersion Carbazole Violet Pv23

Product code: PD-300130

Department: aqua-dispersion pigments

C.A.S. : 6358-30-1, 57-55-6, trade secret, 0000057-55-6

Section: 1 Identification

Product Name	Aqua-Dispersion Carbazole Violet
Other means of identification	Not Available
Product use	Pigment dispersion
Restrictions on use	None identified

Section: 2 Hazard Identification

Information in accordance with U.S. 29 CFR 1910.1200 (Hazcom 2012) and Canada Hazardous Products Regulations (WHMIS 2015):

Classification of the product Not classified as hazardous under any GHS hazard class.

Label elements:

Hazard pictogram(s)	Not Applicable
Signal word	Not Applicable
Hazard statements	Not Applicable
Precautionary statements	Not Applicable
Supplemental information	Skin may discolour due to contact with pigment.

Hazards not otherwise classified:

Physical hazards not otherwise classified No Additional Information

Health hazards not otherwise classified No Additional Information

See Section 11 for toxicological information

HGS Label Elements

Signal Word

Precautionary Statements

GHS Classification

Hazard statements

Section: 3 Composition / Information on Ingredients

Mixture:

CAS-No. 0000057-55-6	Chemical Name Propylene Glycol
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Amounts specified are typical and do not represent a specification. Remaining components are proprietary, non-hazardous, and/or present at amounts below reportable limits. Exact percentage values for components are proprietary in accordance with 29 CFR 1910.1200(i).

Section: 4 First Aid Measures

Description of first aid measures:

General	If irritation or other symptoms occur or persist from any route of exposure, remove the affected individual from the area: see a physician/get medical attention.
Eye contact	Any material that contacts the eye should be washed out immediately with water. Get medical attention if symptoms occur.
Skin contact	Wash the affected area thoroughly with plenty of soap and water. Get medical attention if symptoms occur.
Inhalation	If affected, remove to fresh air. Get medical attention if symptoms occur.
Ingestion	Get medical attention if symptoms occur.
Protection of first aid responders	Wear proper personal protective clothing and equipment.
Most important symptoms and effects	Skin contact (may discolour skin due to pigment). Pre-existing skin problems may be aggravated by prolonged or repeated contact. See section 11 for additional information.
Indication of any immediate medical attention and special treatment needed, if necessary	Treat symptomatically.

Section: 5 Fire Fighting Measures

NFPA flammability class	IIIB
Extinguishing media: Suitable	NFPA Class IIIB (Combustible liquid): Use water spray, ABC dry chemical, foam or carbon dioxide. Water or foam may cause frothing. Use water to keep fire-exposed containers cool. Water spray may be used to flush spills away from exposures.
Unsuitable	None known.
Special hazards arising from the chemical: Unusual fire/explosion hazards	Product is not considered a fire hazard, but will burn if ignited. Closed container may rupture (due to build up in pressure) when exposed to extreme heat.
Hazardous combustion products	Irritating or toxic substances may be emitted upon burning, combustion or decomposition. See section 10 (Hazardous decomposition products) for additional information.
Special protective equipment and precautions for fire-fighters	Wear self-contained breathing apparatus (SCBA) equipped with a full facepiece and operated in a pressure-demand mode (or other positive pressure mode) and approved protective clothing. Personnel without suitable respiratory protection must leave the area to prevent significant exposure to hazardous gases from combustion, burning or decomposition. In an enclosed or poorly ventilated area, wear SCBA during cleanup immediately after a fire as well as during the attack phase of firefighting operations. See section 9 for additional information.

Section: 6 Accidental Release Measures

Personal precautions, protective equipment and emergency procedures	See Section 8 for recommendations on the use of personal protective equipment. If spilled in an enclosed area, ventilate. Eliminate ignition sources.
Environmental precautions Methods and materials for containment and cleaning up	Do not flush liquid into public sewer, water systems or surface waters. Contain by diking with sand, earth or other non-combustible material. Wear proper personal protective clothing and equipment. Absorb spill with an inert material. Place into labeled, closed container; store in safe location to await disposal. Change contaminated clothing and launder before reuse.

Section: 7 Handling And Storage

Precautions for safe handling

As with any chemical product, use good laboratory/workplace procedures. Do not cut, puncture, or weld on or near the container. Wash thoroughly after handling this product. Always wash up before eating, smoking or using the facilities. Use under well-ventilated conditions. Avoid eye contact. Avoid repeated or prolonged skin contact. Avoid inhalation of aerosol, mist, spray, fume or vapour. Avoid drinking, tasting, swallowing or ingesting this product. Wash contaminated clothing before reuse. Provide eyewash fountains and safety showers in the work area.

Conditions for safe storage, including any incompatibilities

Store cool and dry, under well-ventilated conditions. Store this material away from incompatible substances (see section 10). Do not allow product to freeze. Do not store in open, unlabeled or mis-labeled containers. Keep container closed when not in use. Empty container contains residual product which may exhibit hazards of product. Do not reuse empty container without commercial cleaning or reconditioning.

Section: 8 Exposure Control/Personal Protection

Control parameters:

Occupational exposure limits (OEL):

Chemical Name	ACGIH – TWA	ACGIH - STEL		
Propylene Glycol	N/E	N/E		
Chemical Name	OSHA - PEL	OSHA - STEL	OSHA - Ceiling	Mexico
Propylene Glycol	N/E	N/E	N/E	N/E

N/E=Not established (no exposure limits established for the listed substances for listed country/region/organization).

Although ACGIH and OSHA have not established an exposure limit for Propylene Glycol, an AIHA (American Industrial Hygiene Association) WEEL (Workplace Employee Exposure Level) of 10 mg/m³ TWA (aerosol) is recommended.

Exposure controls:

Appropriate engineering controls Always provide effective general and, when necessary, local exhaust ventilation to draw spray, aerosol, fume, mist and vapour away from workers to prevent routine inhalation. Ventilation must be adequate to maintain the ambient workplace atmosphere below the exposure limit(s) outlined in the SDS. (Ventilation guidelines/techniques may be found in publications such as Industrial Ventilation: American Conference of Governmental Industrial Hygienists, 1330 Kemper Meadow Drive, Cincinnati, OH, 45240-1634, USA.) (<http://www.acgih.org/home.htm>).

Individual protection measures, such as personal protective equipment (PPE):

Eye/face protection: Wear eye protection.

Skin and body protection: Wear protective gloves. Use good laboratory/workplace procedures including personal protective clothing: lab coat, safety glasses and protective gloves.

Respiratory protection: Respiratory protection is not needed with proper ventilation.

Further information: Eyewash fountains and safety showers are recommended in the work area.

Section: 9 Physical and Chemical Properties

Form	Liquid
pH	7-9
Appearance	Violet
Relative density	1.16
Odor	Mild
Partition coefficient (noctanol/ water)	Not Available
Odor threshold	Not Available
% Volatile by weight	Not Available
Solubility in water	Dispersible
VOC	Not Available
Evaporation rate	Not Available
Boiling point deg. C	Not Available
Vapor pressure	Not Available
Boiling point degree F	Not Available
Vapor density	Heavier than air
Flash point	>100 degree C (>212 degree F)
Viscosity	Not Available
Auto-ignition temperature	Not Available
Melting point/Freezing point	Not Available
Oxidizing properties	Not Available
Flammability (solid, gas)	Not Applicable (liquid)
Flammability or explosive limits	LFL/LEL Not Available UFL/UEL Not Available
Explosive properties	Not Available
Decomposition temperature:	Not Available
Surface tension	Not Available
Other information	Amounts specified are typical and do not represent a specification.

Section: 10 Stability And Reactivity

Reactivity	None known.
Chemical stability	This product is stable.
Possibility of hazardous reactions	Hazardous polymerization will not occur.
Conditions to avoid	Excessive heat and ignition sources. Do not freeze.
Incompatible materials	Avoid contact with strong oxidizing agents.
Hazardous decomposition products	Carbon monoxide, carbon dioxide, and oxides of nitrogen. Hydrogen chloride.

Section: 11 Toxicological Information

Information on likely routes of exposure:	
General	Caution must be exercised through the prudent use of protective equipment and handling procedures to minimize exposure.
Eyes	May cause eye irritation.
Skin	Repeated or prolonged skin contact may cause irritation.
Inhalation	High airborne concentrations of vapors resulting from heating, misting or spraying may cause irritation of the respiratory tract and mucous membranes.
Ingestion	Ingestion may cause irritation.
Symptoms/effects, acute and delayed	Irritation, Skin contact may discolor skin due to pigment
Acute toxicity information	Not classified (based on available data, the classification criteria are not met). No toxicity studies have been conducted on this product. ATEmix (oral): >2000 mg/kg.

Chemical Name	Inhalation LC50 LD50	Species Species	Oral LD50	Species	Dermal
Propylene Glycol	>317042 mg/m3 (2 hours) mg/kg	Rabbit/ adult Rabbit/ adult	20000 mg/kg	Rat/ adult	>2000

Skin corrosion/irritation	Not classified (based on available data, the classification criteria are not met).	
Chemical Name	Skin irritation	Species
Propylene Glycol	Non-irritant	Rabbit/ adult
Serious eye damage/irritation	Not classified (based on available data, the classification criteria are not met).	
Chemical Name	Eye irritation	Species
Propylene Glycol	Slight irritant	Rabbit/ adult
Respiratory or skin sensitization	Not classified (based on available data, the classification criteria are not met).	
Chemical Name	Skin sensitisation	Species
Propylene Glycol	Non-sensitizer	Guinea pig and Human Patch
Carcinogenicity	Not classified.	
Carcinogenic status	The components of this mixture are not known to be listed or regulated by IARC, NTP, OSHA or ACGIH.	
Germ cell mutagenicity	Not classified.	
Reproductive toxicity	Not classified.	
Specific target organ toxicity (STOT)		
single exposure	Not classified.	
repeated exposure	Not classified.	
Aspiration hazard	Not classified (based on available data, the classification criteria are not met).	
Other toxicity information	No additional information available.	

Section: 12 Ecological Information

Ecotoxicity	No ecological testing has been conducted on this product.		
Chemical Name	Fish 96 hour LC50	Fish 96 hour LC50	Fish Chronic NOEC
Propylene Glycol	40613 mg/L	710 mg/L	N/E
Chemical Name	Invertebrates 48 hour EC50	Invertebrates 24 hour EC50	Invertebrates Chronic NOEC
Propylene Glycol	18340 mg/L	>10000 mg/L	13020 mg/L (7 days)
Chemical Name	Algae 96 hour EC50	Algae 72 hour EC50	Algae Chronic NOEC
Propylene Glycol	19000 mg/L	24200 mg/L	15000 mg/L (14 days)
Persistence and degradability	No specific information available.		
Chemical Name Biodegradation	Propylene Glycol Readily biodegradable (OECD 301F)		
Bioaccumulative potential	No specific information available.		
Chemical Name	Bioconcentration Factor (BCF)	Log Kow	
Propylene Glycol	3 (estimated)	-1.07	
Mobility in soil	No specific information available.		
Chemical Name	Mobility in soil (Koc/Kow)		
Propylene Glycol	Koc = 8 (estimated)		
Other adverse effects	No additional information available		

Section: 13 Disposal Considerations

For waste disposal purposes, this product is not known to be defined or designated as hazardous by current provisions of the Federal (EPA) Resource Conservation and Recovery Act (RCRA, 40CFR261). Incinerate waste product when in liquid form (i.e., as supplied) in a properly permitted (approved) incineration facility in accordance with federal, state and local regulations. Liquids cannot be disposed of in a landfill.

See Section 8 for recommendations on the use of personal protective equipment.

Section: 14 Transport Information

The information below is provided to assist in documentation. It may supplement the information on the package. The package in your possession may carry a different version of the label depending on the date of manufacture. Depending on inner packaging quantities and packaging instructions, it may be subject to specific regulatory exceptions.

UN number	N/A
UN proper shipping name:	Not regulated - See Bill of Lading for Details
Transport hazard class(es):	
U.S. DOT hazard class	N/A
Canada TDG hazard class	N/A
Europe ADR/RID hazard class	N/A
IMDG Code (ocean) hazard class	N/A
ICAO/IATA (air) hazard class	N/A
A "N/A" listing for the hazard class indicates the product is not regulated for transport by that regulation.	
Packing group	N/A
Environmental hazards:	
Marine pollutant	Not Applicable
Hazardous substance (USA)	Not Applicable

Transport in bulk according to Annex II of MARPOL 73/78 and the IBC code: PROPYLENE GLYCOL: IBC Code Category Z.
Special precautions for user Not Applicable

Section: 15 Regulatory Information

Safety, health and environmental regulations specific for the product in question:

U.S. federal and state regulations/legislation

This SDS has been prepared in accordance with the hazard criteria of the OSHA Hazard Communication Standard, 29 CFR 1910.1200.

U.S. Comprehensive Environmental Response, Compensation and Liability Act (CERCLA) Reportable Quantity (RQ)
U.S. Superfund Amendments and Reauthorization Act (SARA) - SARA Section 313:

Not Applicable

To the best of our knowledge this product does not contain any toxic chemicals subject to the reporting requirements of Section 313 of the Emergency Planning and Community Right-to-Know Act of 1986 and 40 CFR 372:

U.S. TSCA Section 12(b) Export Notification

This product is not subject to TSCA 12(b) reporting requirements.

California Proposition 65:
Carcinogen

None known to be present or none in reportable amounts for occupational exposure as per OSHA's approval of the California Hazard Communication Standard, Federal Register, page 31159 ff, 6 June 1997.

Birth defects, or other reproductive hazards

None known to be present or none in reportable amounts for occupational exposure as per OSHA's approval of the California Hazard Communication Standard, Federal Register, page 31159 ff, 6 June 1997.

Notes

No additional information

Canada regulations/legislation

This product has been classified in accordance with the hazard criteria of the Hazardous Products Regulations and the SDS contains all the information required by the Hazardous Products Regulations.

Notes

No additional information

Mexico regulations/legislation

This SDS contains the information required by NOM-018-STPS-2000 Workplace Hazardous Chemical Substances Communication and Identification Standard.

Notes

No additional information

Chemical inventories:

Regulation Status

Canadian Domestic Substances List (DSL)

Yes

Canadian Non-Domestic Substances List (NDSL)

No

U.S. Toxic Substances Control Act (TSCA)

Yes

Section: 16 Other Information

Reference
Prepared by

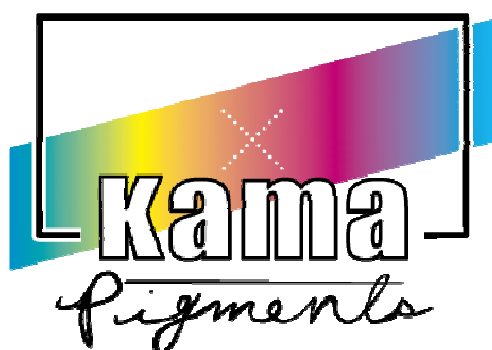
Manufacturer's material safety data sheet
Kama pigments

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