

# SAFETY DATA SHEET (SDS)

## Gram crystal violet

Issue date: 22-07-2025

### Section 1: Product Identifier and Chemical Identity

Product Identifier	
Product Name:	Gram crystal violet
Product Codes:	E6.30 crystal violet
Other means of identification:	
Chemical formula, alternative names:	Gram crystal violet MV0157
Recommended use of the chemical and restrictions on use	
Recommended Use:	For laboratory use only.
Suppliers name, address and phone number	
Supplier's Name:	Southern Biological
Supplier's ABN:	94 630 703 810
Supplier's Address:	168 Fulham Road Alphington Victoria 3078 Australia
Supplier's Phone No.:	1300 138 561
Emergency Phone number (BH)	1300 138 561

### Section 2: Hazard Identification

Classification of the Hazardous Chemical	
Hazard Category	No hazards identified
Label elements	
Hazard Pictograms:	None
Signal Word:	None
Hazard Statements:	No hazards identified
Precautionary Statements:	Use personal protective equipment. Ensure adequate ventilation. Avoid contact with skin, eyes and clothing. Do not ingest.
Other Hazards	
Results of PBT and vPvB assessment:	PBT: Not applicable vPvB: Not applicable

### Section 3: Composition/information on ingredients

Ingredients		
Name	CAS	Proportion %
Non-hazardous components	n/a	100

### Section 4: First Aid Measures

Necessary first aid measures	
After inhalation:	Remove person to fresh air. Get medical attention if symptoms appear.
After skin contact:	Wash with water and soap and rinse thoroughly for at least 15 minutes.. If skin irritation occurs: Get medical advice/attention.
After eye contact:	Rinse cautiously with water for at least 15 minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
After swallowing:	Wash out mouth with water and drink plenty of water. Call a doctor/physician if you feel unwell.
Symptoms caused by exposure	
Acute:	None reasonably foreseeable
Delayed:	None reasonably foreseeable
Aggravated:	None reasonably foreseeable
Medical attention and special treatment	
Indications of any immediate medical attention and special treatment needed	Treat symptomatically

### Section 5: Firefighting measures

Extinguishing media	
Suitable extinguishing equipment:	Water spray, carbon dioxide (CO2), dry chemical, alcohol-resistant foam.
Specific hazards arising from the chemical:	None known
Advice for firefighters	
Special protective equipment and precautions:	Do not enter the fire area without proper protective equipment including respiratory equipment.

### Section 6: Accidental release measures

General Information	
Personal precautions, protective equipment and emergency procedures:	Use PPE as required.
Environmental precautions:	Prevent entry to sewers and public waters. Avoid release to the environment.
Methods and material for containment and cleaning up:	Dispose of contaminating material as waste according to item 13. Ensure adequate ventilation.
Reference to other sections:	See Section 7 for information on safe handling. See Section 8 for information on protective equipment. See Section 13 for disposal information.

## Section 7: Handling and Storage

General Information	
Precautions for safe handling:	<p>Ensure good ventilation/exhaustion at the workplace.</p> <p>Wash hands after use.</p> <p>Do not eat, drink or smoke when using this product.</p> <p>Wash contaminated clothing and protective equipment prior to entering eating area.</p>
Conditions for safe storage, including any incompatibilities.	
Storage:	Store in cool dry area out of direct sunlight and incompatible materials. Keep containers closed when not in use. Store in suitably labelled containers.
Requirements to be met by storerooms and receptacles:	No special requirements.
Information about storage in one common storage facility:	Not required.
Further information about storage conditions:	Keep container tightly sealed. Keep out of direct sunlight.

## Section 8: Exposure controls/personal protection.

General information			
Additional information about design of technical facilities:		No further data: see section 7	
Control parameters:			
Ingredients with limit values that require monitoring at the workplace: None			
Name	STEL	TWA	
	mg/m <sup>3</sup> ppm	mg/m <sup>3</sup> ppm	Footnote
Additional information		The lists valid during the making were used as basis.	
Exposure Controls:			
General protective and hygienic measures:	Use only in systems, processes and procedures in which effective ventilation has been provided. Keep away from foodstuffs, beverages and feed. Immediately remove all soiled and contaminated clothing Wash hands before breaks and at the end of work.		
Respiratory protection:	In case of significant exposure use respiratory filter device. Not normally required.		
Clothing / Foot-wear and equipment	No special requirements.		
Protection of hands:	PVC, rubber, nitrile or neoprene gloves		
Eye protection:	Tightly sealed goggles		
Skin protection:	Laboratory Coat		

## Section 9: Physical and chemical properties

Appearance:	
Form:	Liquid
Colour:	Purple
Odour:	No information available
Odour Threshold:	Not determined

pH value:	3.7
Change in Condition:	
Melting point/Melting range:	No data available
Boiling point/Boiling range:	Not determined
Flash point:	Not determined
Flammability (solid / gaseous)	Not determined
Ignition Temperature	
Decomposition temperature:	Not determined
Flash point:	Not applicable
Danger of explosion:	Not determined
Explosion limits	
Lower:	Not determined
Upper:	Not determined
Vapour pressure:	Not determined
Density:	Not determined
General Info	
Relative density:	Not determined
Vapour density:	Not determined
Evaporation rate:	Not determined
Solubility in/ Miscibility with water:	Soluble in water
Partition coefficient (n-octanol/water):	Not determined
Viscosity:	Not determined
Other information:	Not determined

## Section 10: Stability and reactivity

Reactivity	
General	None known, based on information available
Chemical Stability	
Thermal decomposition / conditions to be avoided:	No decomposition if used according to specifications.
Possibility of hazardous reactions:	No dangerous reactions known.
Conditions to avoid:	Excess heat, incompatible products.
Incompatible materials:	None known
Hazardous decomposition products:	None under normal use conditions

## Section 11: Toxicological information

Information on toxicological effects	
Acute toxicity:	Product does not present an acute toxicity hazard based on known or supplied information
Skin corrosion/irritation	No data available
Serious eye damage/irritation:	No data available
Inhalation:	No data available
Germ cell mutagenicity:	No data available
Carcinogenicity:	There are no known carcinogenic chemicals in this product
Reproductive toxicity:	No data available
Specific target organ toxicity (STOT) – single exposure:	No data available
Specific target organ toxicity (STOT) – repeated exposure:	No data available
Aspiration hazard:	No data available
Toxicology data for the components:	
No toxicological effects known	

## Section 12. Ecological information

Ecotoxicity	
Contains no substances known to be hazardous to the environment or that are not degradable in waste water treatment plants	
Persistence and degradability:	Soluble in water. Persistence is unlikely, based on information available.
Behaviour in environmental systems	
Bio-accumulative potential:	Bioaccumulation is unlikely
Mobility:	The product is water soluble and may spread in water systems. Will likely be mobile in the environment due to its water solubility. Highly mobile in soils.
Additional ecological information	
Results of PBT and vPvB assessment	PBT: Not applicable vPvB: Not applicable
Other adverse effects:	No further relevant information available.

## Section 13. Disposal Considerations

Waste treatment methods	
Waste from residues/unused products	Do not allow into drains or watercourses or dispose of where ground or surface waters may be affected. Wastes, including emptied containers, are controlled wastes and should be disposed of in accordance with all federal, EPA, state and local regulations. Assure conformity with all applicable regulations.

Uncleaned packaging:	
Recommendation:	Empty remaining contents. Dispose of in accordance with local regulations. Do not re-use empty containers.
Other information:	Chemical wastes should be disposed through a licensed commercial waste collection service. Waste codes should be assigned by the user based on the application for which the product was used. Do not flush to sewer. Can be landfilled or incinerated when in compliance with local laws.

## Section 14. Transport information

General	Not classified as a Dangerous Good according to the Australian Code for the Transport of Dangerous Goods by Road and Rail.
---------	--

## Section 15. Regulatory Information

Safety health and environmental regulations/legislation specific for the substance or mixture	
Australian Inventory of Chemical Substances:	Substances are listed.
Chemical safety assessment:	A Chemical Safety Assessment has not been carried out.

## Section 16. Other information

This information is based on our present knowledge. However, this shall not constitute a guarantee for any specific product features and shall not establish a legally valid contractual relationship.

- End of SDS -