



Material Safety Data Sheet Gentian Violet

Section 1 - Chemical Product and Company Identification

MSDS Name:

Gentian Violet

Catalog Numbers:

LC14790

Synonyms:

Crystal violet

Company Identification:

LabChem, Inc.
200 William Pitt Way
Pittsburgh, PA 15238

Company Phone Number:

(412) 826-5230

Emergency Phone Number:

(800) 424-9300

CHEMTREC Phone Number:

(800) 424-9300

Section 2 - Composition, Information on Ingredients

CAS#	Chemical Name:	Percent
548-62-9	Gentian violet	100

Section 3 - Hazards Identification

Emergency Overview

Appearance: Greenish powder.

Caution! May cause irritation by all exposure routes. The toxicological properties of this material have not been fully investigated.

Target Organs: none known.

Potential Health Effects

Eye:

May cause eye irritation.

Skin:

May cause mild skin irritation.

Ingestion:

May cause gastrointestinal irritation.

Inhalation:

May cause respiratory tract irritation.

Chronic:

No information found.



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Section 4 - First Aid Measures

Eyes:

Flush eyes with plenty of water for at least 15 minutes, occasionally lifting the upper and lower lids until no evidence of chemical remains. Get medical aid at once.

Skin:

Get medical aid. Immediately flush skin with plenty of soap and water for at least 15 minutes while removing contaminated clothing and shoes. Remove contaminated clothing and shoes.

Ingestion:

Treat symptomatically and supportively. Get medical aid. If vomiting occurs, keep head lower than hips to prevent aspiration.

Inhalation:

Give artificial respiration if necessary. Get medical aid. Keep victim warm, at rest. Move victim to fresh air.

Notes to Physician:

Treat symptomatically and supportively.

Section 5 - Fire Fighting Measures

General Information:

Negligible fire and explosion hazard when exposed to heat or flame. Move container if possible, avoid breathing vapors or dust.

Extinguishing Media:

For small fires, use dry chemical, carbon dioxide, water spray or alcohol-resistant foam.

Autoignition Temperature:

No information found.

Flash Point:

No information found.

NFPA Rating:

CAS# 548-62-9: Not published.

Explosion Limits:

Lower: Upper:

Section 6 - Accidental Release Measures

General Information:

Use proper personal protective equipment as indicated in Section 8.

Spills/Leaks:

Absorb spills with absorbent (vermiculite, sand, fuller's earth) and place in plastic bags for later disposal.

Section 7 - Handling and Storage

Handling:

Wash thoroughly after handling. Avoid breathing dust, vapor, mist, or gas.



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Storage:

Store capped at room temperature. Protect from heat and incompatibles.

Section 8 - Exposure Controls, Personal Protection

Engineering Controls:

Provide local exhaust or general dilution ventilation.

Exposure Limits:

Chemical Name:	ACGIH	NIOSH	OSHA
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Gentian violet

None of the components are on this list.

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OSHA Vacated PELs:**Personal Protective Equipment****Eyes:**

Do not wear contact lenses when working with chemicals. An eye wash fountain should be available in the immediate work area. Wear splash-proof safety goggles.

Skin:

Wear appropriate protective gloves to prevent skin exposure.

Clothing:

Wear appropriate protective clothing to prevent skin exposure.

Respirators:

Not required for normal use. Firefighting-- any self-contained breathing apparatus with full facepiece operated in pressure-demand mode.

Section 9 - Physical and Chemical Properties

Physical State: Powder.

Color: Greenish

Odor: Odorless

pH: No information found.

Vapor Pressure: No information found.

Vapor Density: No information found.

Evaporation Rate: No information found.

Viscosity: No information found.

Boiling Point: No information found.

Freezing/Melting Point: 215°C

Decomposition Temperature: No information found.

Solubility in water: Soluble.

Specific Gravity/Density: No information found.

Molecular Formula: C₂₅H₃₀ClN₃

Molecular Weight: 407.99



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Section 10 - Stability and Reactivity

Chemical Stability:

Stable under normal temperatures and pressures.

Conditions to Avoid:

Incompatible materials.

Incompatibilities with Other Materials:

Oxidizing agents.

Hazardous Decomposition Products:

Oxides of nitrogen, oxides of carbon.

Hazardous Polymerization:

Has not been reported

Section 11 - Toxicological Information

RTECS:

CAS# 548-62-9: BO9000000.

LD50/LC50:

CAS# 548-62-9:

Oral, mouse: LD50 = 96 mg/kg

Oral, rabbit: LD50 = 150 mg/kg

Oral, rat: LD50 = 420 mg/kg.

Carcinogenicity:

CAS# 548-62-9: Not listed as a carcinogen by ACGIH, IARC, NIOSH, NTP, OSHA, or CA Prop 65.

Epidemiology:

Teratogenicity:

Reproductive:

Mutagenicity:

Neurotoxicity:

Section 12 - Ecological Information

No information found.

Section 13 - Disposal Considerations

Dispose of in accordance with Federal, State, and local regulations.

Section 14 - Transport Information

US DOT

Shipping Name: Not regulated.

Hazard Class:

UN Number:

Packing Group:



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Section 15 - Regulatory Information

US Federal

TSCA:

CAS# 548-62-9 is listed on the TSCA Inventory.

SARA Reportable Quantities (RQ):

None of the components are on this list.

CERCLA/SARA Section 313:

None of the components are on this list.

OSHA - Highly Hazardous:

None of the components are on this list.

US State

State Right to Know:

California Regulations:

European/International Regulations

Canadian DSL/NDSL:

CAS# 548-62-9 is listed on Canada's DSL List.

Canada Ingredient Disclosure List:

CAS# 548-62-9 is listed on Canada's Ingredient Disclosure List.

Section 16 - Other Information

MSDS Creation Date: October 28, 2004

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