

Safety Data Sheet

Hazard Information

Hazard information is provided for compliance with both the UK Chemicals (Hazard Information and Packaging) (CHIP) Regulations and the US Hazard Communication Standard (HCS).

Chemical and Company Identification

Product name	Product code	
Brilliant Blue G-250	GR134-25	<i>For research use only.</i>

Supplier

Hoefer, Inc.
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Emergency Contact

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000-800-100-4086 (India) 400-120-0751 (Peoples Republic of China)
800-099-0731 (Mexico)

Composition / Ingredients

Hazard	CAS No.	EC No.	%WT	Molecular Formula	Molecular Weight
Brilliant Blue G-250	6104-58-1	None	100	C ₄₇ H ₄₈ N ₃ NaO ₇ S ₂	854.02 g/mol

Hazards Identification

WHMIS Classification: Not controlled.
GHS Classification: Not hazardous according to GHS.

Potential Health Effects:

Target Organs: None known.
Eyes: May cause eye irritation.
Skin: May cause skin irritation.
Inhalation: May cause irritation to respiratory tract.
Ingestion: May be Harmful if swallowed. May cause irritation to GI tract.
CHRONIC HEALTH HAZARDS: None known.

Toxicological Properties

Exposure Limits:
Oral, rat: LD₅₀ = >500 mg/kg
Epidemiology: No data available.
Teratogenicity: No data available.
Reproductive Effects: No data available.
Neurotoxicity: No data available.
Mutagenicity: No data available.

First Aid Measures

Eyes: Flush eyes with water.
Skin: In case of contact, flush area immediately with water.
Inhalation: Remove victim to fresh air. If not breathing, give artificial respiration. Get medical aid.
Ingestion: Wash mouth with water. Get medical aid.

Fire-Fighting Measures

Flammable: No
Flash Point: N/A
Extinguishing Media: Use water spray, foam, dry chemical or carbon dioxide.
Explosion Data: Not available.

Accidental Release Measures

Ventilate the area. Wear appropriate protective equipment.
Sweep and place in a closed container.

Handling and Storage

Handling: Avoid contact. Do not get in eyes, on skin, or clothing.
Wash thoroughly after handling. Wash contaminated clothing

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before reuse.

Storage Conditions: Room temperature

Exposure Controls/Personal Protection

Personal Protection: Lab coat, safety goggles, rubber gloves.

Ventilation: Local exhaust systems. Use fume hood.

Respiratory Protection: Use OSHA/MSHA approved respirator.

Leak and Spill Procedures: Ventilate the area. Wear appropriate protective equipment. Cover with dry lime or soda. Sweep and place in a closed container.

Waste Disposal: Burn in chemical incinerator. Observe all Federal, provincial and local regulations.

Other Precautions: Avoid contact. Do not get in eyes, on skin, or clothing. Wash thoroughly after handling. Wash contaminated clothing before reuse.

Label Hazard Warning: None. Avoid eye and skin contact. Avoid inhalation and ingestion.

Physical and Chemical Properties

Physical State: Solid

Appearance and Odor: Purple, odorless

Melting Point: N/A

Boiling Point: N/A

Specific Gravity: N/A

Vapor Density: N/A

Water Solubility: N/A

pH: N/A

Stability and Reactivity

Stability: Stable at normal room temperature and pressure

Conditions to Avoid: Dust generation

Incompatibility: Strong oxidizing agents

Hazardous Decomposition Products: Carbon dioxide, carbon monoxide, oxides of sulfur, oxides of nitrogen

Hazardous Polymerization: Has not been reported.

This data sheet is based upon information believed to be reliable. The Company makes no statement or warranty as to the accuracy or completeness of the information contained herein which is offered for your consideration, investigation and verification. Any use of the information contained in this data sheet must be determined by the user to be in accordance with appropriate applicable regulations.

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