1. IDENTIFICATION OF THE SUBSTANCE/MIXTURE AND OF THE COMPANY/UNDERTAKING

Product Name: COOMASSIE® BRILLIANT BLUE G-250
Recommended Use: For research use only
Registration Number: No information available

1.1 Product Identifier

Catalog Number: 808274
Supplier: MP Biomedicals, LLC
29525 Fountain Parkway
Solon, OH 44139
tel: 440-337-1200

Emergency Telephone Number: CHEMTREC: 1-800-424-9300 (1-703-527-3887)

1.2 Relevant identified uses of the substance or mixture and uses advised against

2. HAZARDS IDENTIFICATION

GHS - Classification

GHS Label elements, including precautionary statements

Physical Hazards: None

Not Hazardous: Not classified

NFPA rating:
- NFPA Health: 0
- NFPA Flammability: 0
- NFPA Reactivity: 0
- NFPA Special Note: -

Precautionary Statements

3. COMPOSITION/INFORMATION ON INGREDIENTS

3.1 Substances
Synonyms: Acid Blue 90; Brilliant Blue G  
Formula: C47H48N3O7S2•Na  
Molecular weight: 854.0

<table>
<thead>
<tr>
<th>Chemical Name</th>
<th>EC No.</th>
<th>CAS Number</th>
<th>Weight %</th>
<th>Classification (67/548)</th>
<th>Classification (Reg. 1272/2008)</th>
<th>REACH Registration Number</th>
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<tr>
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<td>EEC No. 228-058-4</td>
<td>6104-58-1</td>
<td>100</td>
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</table>

For the full text of the R phrases and H statements mentioned in this section, see Section 2

### 4. FIRST AID MEASURES

#### 4.1 Description of first-aid measures

**General Advice**
If symptoms persist, call a physician.

**Eye Contact**
Rinse thoroughly with plenty of water for at least 15 minutes and consult a physician.

**Skin Contact**
Wash off immediately with soap and plenty of water removing all contaminated clothes and shoes.

**Inhalation**
Move to fresh air.

**Rinse mouth**
Clean mouth with water and afterwards drink plenty of water.

#### 4.2 Most important symptoms and effects, both acute and delayed

**Main Symptoms**
No information available

#### 4.3 Indication of any immediate medical attention and special treatment needed

**Notes to Physician**
Treat symptomatically.

### 5. FIRE-FIGHTING MEASURES

#### 5.1 Extinguishing media

**Suitable Extinguishing Media**
Use extinguishing measures that are appropriate to local circumstances and the surrounding environment.

**Extinguishing media which must not be used for safety reasons**
No information available

#### 5.2 Special hazards arising from the substance or mixture

No information available.

#### 5.3 Advice for firefighters

No information available.

### 6. ACCIDENTAL RELEASE MEASURES

#### 6.1 Personal precautions, protective equipment and emergency procedures

Ensure adequate ventilation.

See Section 12 for additional information.
6.2 Environmental precautions
Prevent further leakage or spillage if safe to do so.

6.3 Methods and materials for containment and cleaning up
No information available.

6.4 Reference to other sections
See Section 12 for additional information

7. HANDLING AND STORAGE

Storage
ROOM TEMPERATURE

7.1 Precautions for safe handling
Ensure adequate ventilation.

7.2 Conditions for safe storage, including any incompatibilities
Keep containers tightly closed in a cool, well-ventilated place

7.3 Specific end uses
Exposure Scenario
No information available

Other Guidelines
No information available

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

8.1 Control parameters
Exposure Limits
This product, as supplied, does not contain any hazardous materials with occupational exposure limits established by the region specific regulatory bodies.

Derived No Effect Level (DNEL)
No information available

Predicted No Effect Concentration (PNEC)
No information available

8.2 Exposure controls
Engineering Measures
Ensure adequate ventilation, especially in confined areas.

Personal Protective Equipment
Eye Protection
Tightly fitting safety goggles

Skin and Body Protection
Long sleeved clothing

Hand Protection
Protective gloves

Respiratory Protection
No special protective equipment required.

Environmental Exposure Controls
No information available.

Hygiene Measures
Handle in accordance with good industrial hygiene and safety practice.
9. PHYSICAL AND CHEMICAL PROPERTIES

9.1 Information on basic physical and chemical properties

Appearance
Physical State

Physical Property Data
pH Value
Flash Point
Autoignition Temperature
Melting/Freezing Point
Boiling Point (°C)
Vapor Pressure
Vapor Density
Water Solubility
Evaporation Rate
Flammability (solid, gas)
Flammability Limits in Air
  upper flammability limit
  lower flammability limit
Density
Specific Gravity
Decomposition Temperature
Viscosity, Kinematic
Viscosity, Dynamic
Explosive Properties
Oxidizing Properties
VOC Content (%)

9.2 Other Safety Information

Other Safety Information

10. STABILITY AND REACTIVITY

10.1 Reactivity
No data available

10.2 Chemical stability
Stable under recommended storage conditions.

10.3 Possibility of hazardous reactions
None under normal processing.

10.4 Conditions to avoid
None in particular

10.5 Incompatible Materials
None in particular

10.6 Hazardous Decomposition Products
None under normal processing.
11. TOXICOLOGICAL INFORMATION

11.1 Information on toxicological effects

Acute Toxicity
- Product does not present an acute toxicity hazard based on known or supplied information

Inhalation
- No information available.

Eye Irritation
- No information available.

**Acute toxicity** 100% of the mixture consists of ingredient(s) of unknown toxicity

Mutagenic Effects
- Contains no ingredient listed as a mutagen.

Carcinogenic Effects
- None known.

Reproductive Toxicity
- None known

Developmental Toxicity
- None known.

Aspiration hazard
- None known

12. ECOLOGICAL INFORMATION

12.1 Toxicity
- Contains no substances known to be hazardous to the environment or that are not degradable in waste water treatment plants.

12.2 Persistence and degradability
- No data is available on the product itself

12.3 Bioaccumulative potential
- No information available

12.4 Mobility in soil
- No information available

12.5 Results of PBT and vPvB assessment
- No information available.

12.6 Other adverse effects

Endocrine Disruptor Information
- This product does not contain any known or suspected endocrine disruptors

13. DISPOSAL CONSIDERATIONS

Waste from Residues/Unused Products
- Dispose of in accordance with local regulations

Contaminated Packaging
- Empty containers should be taken to an approved waste handling site for recycling or disposal.
14. TRANSPORT INFORMATION

IMDG/IMO  Not regulated
ICAO  Not regulated
ICAO/IATA  Not regulated
DOT  Not regulated
TDG  Not regulated
MEX  Not regulated

15. REGULATORY INFORMATION

International Inventories

<table>
<thead>
<tr>
<th>Chemical Name</th>
<th>TSCA</th>
<th>EINECS/ELINCS</th>
<th>DSL/NDSL</th>
<th>PICCS</th>
<th>ENCS</th>
<th>IECSC</th>
<th>AICS</th>
<th>KECL</th>
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Legend

TSCA - United States Toxic Substances Control Act Section 8(b) Inventory
EINECS/ELINCS - European Inventory of Existing Commercial Chemical Substances / EU List of Notified Chemical Substances
DSL/NDSL - Canadian Domestic Substances List/Non-Domestic Substances List
PICCS - Philippine Inventory of Chemicals and Chemical Substances
ENCS - Japan Existing and New Chemical Substances
IECSC - China Inventory of Existing Chemical Substances
AICS - Australian Inventory of Chemical Substances
KECL - Korean Existing and Evaluated Chemical Substances

16. OTHER INFORMATION

Disclaimer
The information provided on this SDS is correct to the best of our knowledge, information and belief at the date of its publication. The information given is designed only as a guide for safe handling, use, processing, storage, transportation, disposal and release and is not to be considered as a warranty or quality specification. The information relates only to the specific material designated and may not be valid for such material used in combination with any other material or in any process, unless specified in the text.

End of Material Safety Data Sheet

Key literature references and sources for data
www.ChemADVISOR.com/