



## Safety Data Sheet

### Zippy Blue Pigment

September 4<sup>th</sup>, 2015

#### Section 1: Chemical Product and Company Identification

**Product name:** Zippy Blue Pigment  
**Contact Info:** Bramble Berry Inc.  
2138 Humboldt Street  
Bellingham, WA 98225  
info@brambleberry.com  
www.brambleberry.com  
1-877-627-7883

**Emergency Phone Number:**  
Within USA & Canada: 1.800.424.9300 CCN693143  
Outside USA & Canada: +1.703.527.3887 (collect calls accepted)

#### Section 2: Hazards Identification

**Classification of the substance or mixture:**  
**According to Regulation (EC) No. 1272/2008(CLP):** not classified  
**According to Directive 67/548/EEC & Directive 1999/45/EC:** not classified  
**Additional information:** not available

**Label elements**  
**GHS label elements:** not applicable  
**Hazard pictogram(s):** not applicable  
**Signal word(s):** not applicable  
**Hazard statement(s):** not applicable  
**Precautionary statement(s):** not applicable  
**Other hazards:** not known

#### Section 3: Composition/Information on Ingredients

**Chemical Family:** mica - titanium oxide - manganese violet. Contains no hazardous ingredients

Common and Chemical Name	CAS No.	EINECS No.	Color Index	Chemical Composition	Hazard classification according to directive 67/548/EEC & Directive 1999/45/EC, Regulation (EC) No. 1272/2008 (CLP)

Polyester-3	68258-82-2			98-99	Not Classified
Ultramarine Blue	57455-37-5	309-928-3	77007	1-2	Not Classified

## Section 4: First Aid Measures

### Description of first aid measures

**Inhalation:** Remove causality to fresh air and keep at rest

**Eye Exposure:** If contact with eyes directly, flush with gently flowing fresh water thoroughly; If eye irritation persists, get medical advice/attention

**Skin Exposure:** Wash affected skin with plenty of water

**Ingestion:** If ingested, wash out mouth with water, drink milk or egg whites

**Notes to Physician:** No special measures are required

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

**Acute:** None

**Long Term (repeated):** May cause irritation to the respiratory system. Cough. Increased difficulty in breathing

### Indication of any immediate medical attention and special treatment needed Treatment:

#### Recommended:

- a. Chest X-Ray
- b. Lung functionality test

## Section 5: Fire-Fighting Measures

### Extinguishing media

**Suitable:** Waterspray, foam or dry chemical

**Unsuitable:** Carbon Dioxide

### Special hazards arising from the substance or mixture

**Thermal hazards:** Noncombustible. None anticipated

### Advice for firefighters

Fire fighters should wear complete protective clothing including self-contained breathing apparatus.

## Section 6: Accidental Release Measures

**Personal precautions:** Do not breathe dust

**Personal protection equipment:** Wear appropriate personal protective equipment, avoid direct contact

**In case of emergency:** A self-contained breathing apparatus and suitable protective clothing should be worn in fire conditions.

**Environmental precautions:** Do not allow to enter drains, sewers or watercourses

**Methods and material for containment and cleaning up:** Collect mechanically and dispose of according to Section 13. Use vacuum equipment for collecting spilt materials, where practicable

**Reference to other sections:** see sections 8 and 1

## Section 7: Handling and Storage

### Precautions for safe handling

Avoid breathing dust

### Conditions for safe storage, including any incompatibilities

Keep container in a well ventilated place

### Specific end uses

Not known

## Section 8: Exposure Controls/Personal Protection

**Control parameters:** Provide adequate ventilation when using the material and follow the principles of good occupational hygiene to control personal exposures

**Exposure Limits:** Not known

**Engineering Controls:** Provide adequate ventilation to ensure that the occupational exposure limit is not exceeded. Isolate the dispersive process step away from other operations. This can be achieved by local exhaust ventilation or general ventilation

### Exposure controls - Personal protective equipment

**Hand/Eye/Face protection:** Wear gloves, eye protection and an approved dust mask if dust is generated during handling. Goggles giving complete protection to eyes. Dust mask covering nose and mouth

**Respiratory protection:** Dust mask covering nose and mouth

**Skin protection:** Apron or other light protective clothing, boots and plastic or synthetic rubber gloves

**Thermal hazards:** None

**Environmental exposure control:** Avoid dust generation. Avoid accumulation of dust

## Section 9: Physical and Chemical Properties

**Form:** powder

**Color:** Blue

**Odor:** slight aldehyde odor

**pH:** not applicable

**Boiling point, °C:** not applicable

**Freezing point, °C:** not applicable  
**Specific Gravity:** 1.3  
**Softening point:** 270-280 deg C  
**Vapor pressure:** not applicable  
**Solubility (in water):** insoluble  
**Particle size:** 1-2µm

### **Section 10: Stability and Reactivity**

**Reactivity:** There may be violent or incandescent reaction of the product with metals at high temperatures (e.g., aluminum; calcium; magnesium; potassium; sodium; zinc; lithium)  
**Chemical stability:** Stable  
**Possibility of hazardous reactions:** None known  
**Conditions to avoid:** High temperature  
**Incompatible materials:** Strong oxidizing agents, strong acids, and alkalis  
**Hazardous decomposition products:** None known

### **Section 11: Toxicological Information**

**This inorganic pigment in general is considered to be practically nontoxic.**

**Acute toxicity:** not available  
**Carcinogenicity:** not available

### **Section 12: Ecological Information**

**Toxicity:** no data  
**Persistence and degradability:** Insoluble in water. This product is predicted not to degrade in soil and water  
**Bio accumulative potential:** no data  
**Mobility in soil:** not applicable  
**Results of PBT and vPvB assessment:** not applicable  
**Other adverse effects:** not known

### **Section 13: Disposal Conditions**

**Waste treatment methods:** Dispose of contents in accordance with local, state or national legislation

### **Section 14: Transport Information**

International Transport Regulation	ADR/RID	AND	IMDG	ICAO/IATA
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UN Number	Not applicable	Not applicable	Not applicable	Not applicable
Proper shipping name	Not applicable	Not applicable	Not applicable	Not applicable
Transport hazard class(es)	Not applicable	Not applicable	Not applicable	Not applicable
Packing group	Not applicable	Not applicable	Not applicable	Not applicable
Environmental Hazards	None	None	None	None
Special precautions for user	None	None	None	None
Transport in bulk according to Annex II of MARPOL73/78 and the IBC code	Not applicable	Not applicable	Not applicable	Not applicable
Hazard labels	Not applicable			
Additional information	Custom tariff No. 32061900			

### Section 15: Regulatory Information

**According to Directive 67/548/EEC & Directive 1999/45/EC:** not classified as dangerous for supply/use  
**Safety, health and environmental regulations/legislations specific for the substance or mixture:** not available

### Section 16: Other Information

**Annex to the extended Safety Data Sheet (eSDS)**

**ADR : European Agreement concerning international carriage of Dangerous goods by Road**

**CAS : Chemical Abstracts Service**

**EC : European Community**

**ICAO : International Civil Aviation Organization**

**IMDG : International Maritime Dangerous Goods**

**IATA : International Air Transport Association**

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