



## Ultramarine Blue (Pigment)

Safety Data Sheet

### Section 1: Identification of the Substance/Mixture and of the Company/Undertaking

- 1.1 Product Name:** Ultramarine Blue (Pigment)  
**Product Code:** 513-736X
- 1.2 Intended Use:** Compound used in customer substance/mixture/product.
- 1.3 Supplier:** Majestic Mountain Sage Inc  
2490 S 1350 W  
Nibley, 84321 - United States of America  
T 435.755.0863 - F 435.755.2108  
[www.TheSage.com](http://www.TheSage.com)
- 1.4 Emergency Telephone Number**  
No additional information available

### SECTION 2: Hazards Identification

This mixture has not been tested as a whole. It contains ingredients which could be released from the mixture in concentrations which would exceed an established OSHA permissible exposure limit or ACGIH Threshold Limit Value, or could present a health risk to employees.

#### 2.1 Classification

The product is not classified as dangerous according to OSHA Hazard Communication Standard (29 CFR 1910.1200).

Combustible Dust                      May form combustible dust concentrations in air.

#### 2.2 Label Elements

The product is not classified as dangerous according to OSHA Hazard Communication Standard (29 CFR 1910.1200).

**Symbols:**    Warning

#### 2.3 Hazard Statements

USH003                      May form combustible dust concentrations in air.

## 2.4 Ingredient(s) with Unknown Acute Toxicity

None

## 2.5 Hazards Not Otherwise Classified

Dust may be irritating to eyes. Dust may be irritating to skin. Dust may be irritating to lungs and cause sneezing.

### SECTION 3: Composition/Information on Ingredients

#### 3.1 Substances

Not available

#### 3.2 Mixtures

Hazardous components within the meaning of 29 CFR 1910.1200 and related classification: None

### SECTION 4: First Aid Measures

#### 4.1 First Aid Measures

In case of skin contact: Remove contaminated clothes. Wash thoroughly with water and soap. Contact physician if symptoms persist.

In case of eye contact: Flush immediately with water for at least 15 minutes. Remove contacts if present and safe to do so. Contact physician if symptoms persist.

In case of ingestion: Do not induce vomiting, rinse mouth with water and obtain medical advice.

In case of inhalation: Remove from exposure site to fresh air and keep at rest. Obtain medical advice.

#### 4.2 Most Important Symptoms/Effects, Acute and Delayed

Not available

## SECTION 5: Firefighting Measures

### 5.1 Extinguishing Media

**Suitable:** Water, CO<sub>2</sub>, foam, chemical powders, according to the materials involved in the fire.

**Unsuitable:** None in particular.

### 5.2 Special Hazards Arising from the Chemical

Do not inhale explosion and combustion gases. Burning produces heavy smoke.

Hazardous Combustion Products:	Carbon oxides (CO <sub>x</sub> )
Explosive Properties:	Not available
Oxidizing Properties:	Not available

### 5.3 Special Protective Equipment and Precautions for Firefighters

Use suitable breathing apparatus. Collect contaminated fire extinguishing water separately, this must not be discharged into drains. Move undamaged containers from immediate hazard area if it can be done safely.

## SECTION 6: Accidental Release Measures

### 6.1 Personal Precautions, Protective Equipment and Emergency Procedures

Wear personal protection equipment. Remove persons to safety. See protective measure under Section 7 and 8.

### 6.2 Methods and Material for Containment and Cleaning Up

**Suitable material for taking up:** Dry and inert adsorbing material (e.g. vermiculite, sand, earth).

## SECTION 7: Handling and Storage

### 7.1 Precautions for Safe Handling

Avoid contact with skin and eyes, inhalation of vapors and mists. Do not eat or drink while working. See also Section 8 for recommended protective equipment.

### 7.2 Conditions for safe storage, Including Any Incompatibilities

**Storage Temperature:** Not available

**Incompatible Materials:** Avoid strong oxidizing agents, peroxides, acids, alkali metals.

**Storage Premises:** Adequately ventilated premises.

## SECTION 8: Exposure Controls/Personal Protection

### 8.1 Control Parameters

No data available

Appropriate engineering controls: Not available

### 8.2 Individual Protection Measures

**Eye/Face Protection:** Tightly sealed goggles, face shield, or safety glasses with brow guards and side shields, etc. as may be appropriate for the exposure.

**Skin Protection:** Avoid Skin contact. Use chemically resistant gloves as needed.

**Respiratory Protection:** Control worker exposure to below detectable levels. However, if an effective ventilation system is not in use, use a NIOSH-approved respirator for organic vapors and/or dusts. Where appropriate, use closed systems to transfer and process this material. If appropriate, isolate mixing rooms and other areas where this material is used or openly handled. Maintain these areas under negative air pressure relative to the rest of the plant. Use local exhaust as required to capture all airborne vapors or dust.

## SECTION 9: Physical and Chemical Properties

### 9.1 Information on Basic Physical and Chemical Properties

Physical State:	Solid
Appearance:	Powder, Blue
Odor:	Characteristic
Odor Threshold:	Not available
pH:	Not available
Melting Point/Range:	Not available
Boiling Point/Range:	Not available
Flash Point:	Not applicable
Evaporation Rate:	Not available

Upper/Lower Flammability or Explosive Limits:	Not available
Vapor Density:	Not available
Vapor Pressure (20 °C):	Not available
Density (20 °C):	Not available
Water Solubility:	Insoluble
Lipid Solubility:	Not available
Partition Coefficient (N-octanol/water):	Not available
Auto-ignition Temp.:	Not available
Decomposition Temp:	Not available
Viscosity (20 °C):	Not available
Explosive Properties:	Not available
Oxidizing Properties:	Not available
Flammability (Solid, Gas):	Not available

## 9.2 Other Information

Substance Group	
Relevant Properties:	Not available
Miscibility:	Not available
Fat Solubility:	Not available
Conductivity:	Not available

## SECTION 10: Stability and Reactivity

### 10.1 Reactivity

Stable under normal conditions.

### 10.2 Chemical Stability

Data not available.

### 10.3 Possibility of Hazardous Reactions

Burning products carbon monoxide and/or carbon dioxide.

### 10.4 Conditions to Avoid

Stable under normal conditions of temperature and pressure.

### 10.5 Incompatible Materials

Avoid strong oxidizing agents, peroxides, acids, alkali metals.

### 10.6 Hazardous Decomposition Products

Burning products carbon monoxide and/or carbon dioxide.

## SECTION 11: Toxicological Information

### 11.1 Information on Toxicological Effects

No data available.

**Substance(s) Listed on the IARC Monographs:**

None

**Substance(s) Listed on OSHA Carcinogen(s):**

None

**Substance(s) Listed on NIOSH Carcinogen(s):**

None

**Substance(s) Listed on the NTP Report on Carcinogens:**

None

## SECTION 12: Ecological Information

### 12.1 Toxicity

Adopt good working practices, so that the product is not released into the environment.

### 12.2 Persistence and Degradability

Not available

### 12.3 Bioaccumulative Potential

Not available

### 12.4 Mobility in Soil

Not available

### 12.5 Other Adverse Effects

Not available

## SECTION 13: Disposal Considerations

### 13.1 Waste Treatment Method

Any disposal practice must be in compliance with local, state and federal laws and regulations (contact local or state environmental agency for specific rules). Do not dump into sewers, any body of water or onto the ground. Recover if possible. In so doing, comply with the local and national regulation currently in force.

<b>SECTION 14: Transport Information</b>
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**14.1 UN Number**

ADR-UN Number:	N/A
DOT-UN Number:	N/A
IATA-UN Number:	N/A
IMDG-UN Number:	N/A

**14.2 Proper Shipping Name**

ADR-Shipping Name:	N/A
DOT Proper Shipping Name:	N/A
IATA-Technical Name:	N/A
IMDG-Technical Name:	N/A

**14.3 Transport Hazard Class(es)**

ADR-Class:	N/A
DOT Hazard Class:	N/A
IATA-Class:	N/A
IMDG-Class:	N/A

**14.4 Packing Group**

ADR-Packing Group:	N/A
Exempted for ADR:	N/A
IATA-Packing Group:	N/A
IMDG-Packing Group:	N/A

**14.5 Environmental Hazards**

Marine Pollutant:	No
Environmental Pollutant:	Not available

**14.6 Transport in Bulk According to Annex II of MARPOL73/78 and the IBC Code**

Not available

**14.7 Special Precautions****Department of Transportation (DOT/TDG):**

DOT-Special Provision(s):	N/A
DOT Label(s):	N/A
DOT Symbol:	N/A
DOT Cargo Aircraft:	N/A
DOT Passenger Aircraft:	N/A
DOT Bulk:	N/A
DOT Non Bulk:	N/A

**Road and Rail (ADR-RID):**

ADR-Label: N/A  
ADR-Upper Number: N/A  
ADR-Tunnel Restriction  
Code: N/A

**Air (IATA):**

IATA-Passenger Aircraft: N/A  
IATA-Cargo Aircraft: N/A  
IATA-Label: N/A  
IATA-Sub Risk: N/A  
IATA-Erg: N/A  
IATA-Special  
Provisioning: N/A

**Sea (IMDG):**

IMDG-Stowage Code: N/A  
IMDG Stowage Note: N/A  
IMDG-Sub Risk: N/A  
IMDG-Special  
Provisioning: N/A  
IMDG-Page: N/A  
IMDG-Label: N/A  
IMDG-EMS: N/A  
IMDG-MFAG: N/A

<b>SECTION 15: Regulatory Information</b>
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**15.1 U.S. Federal Regulations**

**TSCA - Toxic Substances Control Act**

TSCA Inventory: All component(s) are listed on the TSCA inventory.  
TSCA Listed Substances: No substances listed.

**SARA - Superfund Amendments and Reauthorization Act**

Section 302 - Extremely Hazardous Substances: No substances listed.  
Section 304 - Hazardous Substances: No substances listed.  
Section 313 - Toxic Chemical List: No substances listed.

**CERCLA - Comprehensive Environmental Response, Compensation, and Liability Act**

Substances listed under CERCLA: No substances listed.



**CAA - Clean Air Act**

CAA listed substances: No substances listed.

**CWA - Clean Water Act**

CWA listed substances: No substances listed.

**15.2 U.S. State Regulations**

**California Proposition 65**

Substance(s) listed under California Proposition 65: No substances listed.

**Massachusetts Right to Know**

Substance(s) listed under Massachusetts Right to Know: No substances listed.

**Pennsylvania Right to Know**

Substance(s) listed under Pennsylvania Right to Know: No substances listed.

**New Jersey Right to Know**

Substances listed under New Jersey Right to Know: No substances listed.

**15.3 Canada Regulations**

**DSL-List (Canada)**

This product has been classified in accordance with the hazard criteria of the Hazardous Products Regulations (HPS) and the SDS contains all the information required by the HPR.

<b>SECTION 16: Other Information</b>
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**16.1 Definitions**

<b>Code</b>	<b>Description</b>
USH003	May form combustible dust concentration in air.

**Legend to Abbreviations and Acronyms Used in the Safety Data Sheet:**

ADR: European Agreement concerning the International Carriage of dangerous Goods by Road.

RID: Regulation Concerning the International Transport of Dangerous Good by Rail

IMDG: International Maritime Code for Dangerous Goods

IATA: International Air Transport Association

IATA-DGR: Dangerous Goods Regulation by the "International Air Transport Association" (IATA)

ICAO: International Civil Aviation Organization  
ICAO-TI: Technical Instructions by the "International Civil Aviation Organization"  
(ICAO)  
GHS: Globally Harmonized System of Classification and Labeling of Chemicals  
CLP: Classification, Labeling, Packaging  
EINECS: European Inventory of Existing Commercial Chemical Substances  
INCI: International Nomenclature of Cosmetic Ingredients  
CAS: Chemical Abstracts Service (division of the American Chemical Society)  
GefStoffVO: Ordinance on Hazardous Substances, Germany  
LC50: Lethal Concentration, for 50 percent of test population  
LD50: Lethal dose, for 50 percent of test population  
DNEL: Derived No Effect Level  
PNEC: Predicted No Effect Concentration  
TLV: Threshold Limiting Value  
TWATLV: Threshold Limiting Value for the Time Weighting Average 8 hour day.  
(ACGIH Standard)  
STEL: Short Term Exposure Limit  
STOT: Specific Target Organ Toxicity  
WGK: German Water Hazard Class  
KST: Explosion coefficient  
N/A: Not applicable

Notes:

This safety data sheet is based on the properties of the material known at the time the data sheet was issued. The safety data sheet is intended to provide information for a health and safety assessment of the material and the circumstances, under which it is packaged, stored or applied in the workplace. For such a safety assessment holds no responsibility. This document is not intended for quality assurance purposes.