

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

- 1.1 Product Name:** Black Onyx (pigment)  
**Product Code:** 513-737X
- 1.2 Intended Use:** Compound used in customer substance/mixture/product.
- 1.3 Supplier:** Majestic Mountain Sage Inc  
2490 S 1350 W  
Nibley, Utah 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**

Self-Heating Substance, Category 2	H252: Self-heating in large quantities; may catch fire.
Skin Corrosion/Irritation, Category 2	H315: Causes skin irritation.
Eye Damage/Irritation, Category 2A	H319: Causes serious eye irritation.
Specific Target Organ Toxicity, Single Exposure, Respiratory, Category 3	H335: May cause respiratory irritation.

## 2.2 Label Elements

### Symbols:



**Signal Word:** Warning.

### Hazard Statements

H252	Self-heating in large quantities; may catch fire.
H315	Causes skin irritation.
H319	Causes serious eye irritation.
H335	May cause respiratory irritation.

### Precautionary Statements

P235+P410	Keep cool. Protect from sunlight.
P261	Avoid breathing dust/fume/gas/mist/vapors/spray.
P264	Wash contact areas thoroughly after handling.
P271	Use only outdoors or in a well-ventilated area.
P280	Wear protective gloves/protective clothing/eye protection/face protection.
P302+P352	IF ON SKIN: Wash with plenty of soap and water.
P304+P340	IF INHALED: Remove person to fresh air and keep comfortable for breathing.
P305+P351+P338	IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
P312	Call a POISON CENTER/doctor if you feel unwell.
P321	Specific measures (see supplemental first aid instructions on this label or in the SDS).
P332+P313	If skin irritation occurs: Get medical advice/attention.
P337+P313	If eye irritation persists: Get medical advice/attention.
P362+P364	Take off contaminated clothing and wash it before reuse.
P403+P233	Store in a well-ventilated place. Keep container tightly closed.
P405	Store locked up.
P407	Maintain air gap between stacks/pallets.
P420	Store away from other materials.
P501	Dispose of contents/container in accordance with all applicable regulations.

### 2.3 Ingredient(s) with Unknown Acute Toxicity

None.

### 2.4 Hazards Not Otherwise Classified

None.

## 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:

Quantity	Name	Identification Number	Classification	Registration Number
90-100%	Black Iron Oxide	CAS: 12227-89-3 EC: 235-442-5	H252; H315; H319; H335; USH003	-

## SECTION 4: First Aid Measures

### 4.1 First Aid Measures

**Skin Contact:** Immediately take off all contaminated clothing, shoes or stockings. After contact with skin, wash immediately with soap and plenty of water.

**Eye Contact:** Flush immediately with water for at least 15 minutes. Remove contact is present and easy to do so. Obtain a medical examination. Protect the eyes with a sterile gauze or a clean, dry handkerchief.

**Ingestion:** Do not induce vomiting, get medical attention showing the SDS and label hazardous.

**Inhalation:** In case of inhalation, consult a doctor immediately and show them the safety data sheet, packing or label.

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

Eye irritation, eye damages, skin irritation, erythema.

#### 4.3 Indication of any Immediate Medical Attention and Special Treatment Needed

In case of accident or unwellness, seek medical advice immediately (show directions for use or safety data sheet if possible).

### 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:** Not available.

**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. Wear breathing apparatus if exposed to vapors/dusts/aerosols. Provide adequate ventilation. Use appropriate respiratory protection. See protective measures under Sections 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). Wash with plenty of water.

## SECTION 7: Handling and Storage

### 7.1 Precautions for Safe Handling

Avoid contact with skin and eyes, inhalation of vapors and mists. Do not use on extensive surface areas in premises where there are occupants. Use localized ventilation system. Don't use empty container before they have been cleaned. Before making transfer operations, assure that there aren't any incompatible material residuals in the contains. Contaminated clothing should be changed before entering eating areas. 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. Always keep in a well-ventilated place.

**Incompatible Materials:** None in particular.

**Storage Premises:** Cool and 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:** Use close fitting safety goggles, don't use eye lens.

**Skin Protection:** Use clothing that provides comprehensive protection to the skin, e.g. cotton, rubber, PVC or synthetic rubber. Use protective gloves that provide comprehensive protection, e.g. PVC, neoprene or rubber.

**Respiratory Protection:** Use respiratory protection where ventilation is insufficient or exposure is prolonged, e.g. CEN/FFP-2(S) or CEN/FFP-3(S).

<b>SECTION 9: Physical and Chemical Properties</b>
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### 9.1 Information on Basic Physical and Chemical Properties

<b>Physical State:</b>	Solid
<b>Appearance:</b>	Powder, Black
<b>Odor:</b>	Characteristic
<b>Odor Threshold:</b>	Not available
<b>pH:</b>	Not available
<b>Melting Point/Range:</b>	Not available
<b>Boiling Point/Range:</b>	Not available
<b>Flash Point:</b>	Not applicable
<b>Evaporation Rate:</b>	Not available
<b>Upper/Lower Flammability or Explosive Limits:</b>	Not available
<b>Vapor Density:</b>	Not available
<b>Vapor Pressure (20 °C):</b>	Not available
<b>Density (20 °C):</b>	Not available
<b>Water Solubility:</b>	Insoluble
<b>Lipid Solubility:</b>	Not available
<b>Partition Coefficient (N-octanol/water):</b>	Not available
<b>Auto-ignition Temp:</b>	Not available
<b>Decomposition Temp:</b>	Not available
<b>Viscosity (20 °C):</b>	Not available
<b>Explosive Properties:</b>	Not available
<b>Oxidizing Properties:</b>	Not available
<b>Flammability (Solid, Gas):</b>	Not available

### 9.2 Other Information

<b>Substance Group</b>	
<b>Relevant Properties:</b>	Not available
<b>Miscibility:</b>	Not available
<b>Fat Solubility:</b>	Not available
<b>Conductivity:</b>	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 contact with combustible materials. The product could catch fire.

### 10.6 Hazardous Decomposition Products

Burning products carbon monoxide and/or carbon dioxide.

## SECTION 11: Toxicological Information

### 11.1 Information on Toxicological Effects

#### Toxicological Information of the Substance

Cosmetic Iron Oxide      A) Acute Toxicity      LD50 >5000 mg/kg Rat  
Black BC

**If Not Differently Specified, the Information Required in the Regulation and Listed below must Be Considered as N.A.**

- a) acute toxicity
- b) skin corrosion/irritation
- c) serious eye damage/irritation
- d) respiratory or skin sensitization
- e) germ cell mutagenicity
- f) carcinogenicity
- g) reproductive toxicity
- h) STOT-single exposure
- i) STOT-repeated exposure
- j) aspiration hazard

**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. Send to authorised disposal plants or for incineration under controlled conditions. In so doing, comply with the local and national regulation currently in force.

**SECTION 14: Transport Information**

**14.1 UN Number**

ADR-UN Number:	UN3190
DOT-UN Number:	UN3190
IATA-UN Number:	UN3190
IMDG-UN Number:	UN3190



#### 14.2 Proper Shipping Name

ADR-Shipping Name:	SELF-HEATING SOLID, INORGANIC, N.O.S. (BLACK IRON OXIDE)
DOT Proper Shipping Name:	Self-heating solid, inorganic, n.o.s. (BLACK IRON OXIDE)
IATA-Technical Name:	SELF-HEATING SOLID, INORGANIC, N.O.S. (BLACK IRON OXIDE)
IMDG-Technical Name:	SELF-HEATING SOLID, INORGANIC, N.O.S. (BLACK IRON OXIDE)

#### 14.3 Transport Hazard Class(es)

ADR-Class:	4.2
DOT Hazard Class:	4.2
IATA-Class:	4.2
IMDG-Class	1.2

#### 14.4 Packing Group

ADR-Packing Group:	II
Exempted for ADR:	II
IATA-Packing Group:	II
IMDG-Packing Group:	II

#### 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):	IB6, IP2, T3, TP33
DOT Label(s):	4.2
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:	4.2
ADR-Upper Number:	40
ADR-Tunnel Restriction Code:	2 (D/E)

**Air (IATA):**

IATA-Passenger Aircraft:	467
IATA-Cargo Aircraft:	470
IATA-Label:	4.2
IATA-Sub Risk:	-
IATA-Erg:	4L
IATA-Special Provisioning:	A3 AB03

**Sea (IMDG):**

IMDG-Stowage Code:	Category C
IMDG Stowage Note:	-
IMDG-Sub Risk:	-
IMDG-Special Provisioning:	274
IMDG-Page:	N/A
IMDG-Label:	N/A
IMDG-EMS:	F-A, S-J
IMDG-MFAG:	N/A

**SECTION 15: Regulatory Information**

**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: Black Iron Oxide is listed in TSCA Section 8b.

**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 DSL-List

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

<b>SECTION 16: Other Information</b>
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## 16.1 Full Text of Classification Codes in Section 3

H252: Self-heating in large quantities; may catch fire.	H315: Causes skin irritation.
H335: May cause respiratory irritation.	H319: Causes serious eye irritation.
	USH003: May form combustible dust concentrations 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.