

**Safety Data Sheet (SDS)**  
*OSHA HazCom Standard 29 CFR 1910.1200(g) GHS*

**BRITTON BLACK MULCH COLORANT**

*Version 1.0*

*Date 06/13/2015*

**SECTION 1. PRODUCT AND COMPANY IDENTIFICATION**

**Trade Name:** Britton Black Mulch Colorant  
**Product Number:** B-2817

**Manufacturer:**  
Britton Industries Inc.  
1 M Y Lane  
Morrisville, PA 19067  
United States

**Emergency Telephone Numbers:**

1-609-588-8225  
1-215-310-5786

**Additional Information:**

Website: [www.brittonindustries.com](http://www.brittonindustries.com)

**SECTION 2. HAZARDS IDENTIFICATION**

**GHS Classification**

Skin irritant: Category 2 H315

Eye irritant: Category 2A H319

**GHS Label Element**



Hazard pictogram:

Signal word: Warning

Hazard Statements: Causes skin irritation  
Causes eye irritation

**MSDS Number: 100**

**Britton Black Mulch Colorant B-2817**

**Precautionary Statements****Prevention:**

Wear protective chemical resistant gloves

Wear eye protection/full face shield

Wash thoroughly after handling

**Response:**

P302+P352 IF ON SKIN: Wash with plenty of soap and water

P305+P351+P338 IF IN EYES: Rinse cautiously with water for several minutes, remove contact lenses, continue rinsing

P332+P337+P313 If skin or eye irritation persists, seek medical advice/ attention.

**Potential Health Effects**

This product contains carbon black which is regulated under California Prop 65 rulings as an airborne hazard. However, the carbon black in this product is dispersed in liquid and does not present an inhalation hazard.

**Carcinogenicity:****IARC**

Group 2B: Possibly carcinogenic to humans  
1333-86-4 Carbon Black (furnace black)

**ACGIH**

No component of this product present at levels greater than or equal to 0.1% is identified as a carcinogen or potential carcinogen by ACGIH

**OSHA**

No component of this product present at levels greater than or equal to 0.1% is identified as a carcinogen or potential carcinogen by OSHA

**NTP**

No component of this product present at levels greater than or equal to 0.1% is identified as a carcinogen or potential carcinogen by NTP

## BRITTON BLACK MULCH COLORANT

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### Emergency Overview

Appearance	Viscous, liquid
Color	Concentrated black
Odor	Amine-like, ammoniacal
Hazard Summary	No information available.

### SECTION 3. COMPOSITION/INFORMATION ON INGREDIENTS

Substance / Mixture:            **Mixture**

#### Hazardous components

CAS-No.	Chemical Name	Concentration (%)
1336-21-6	Ammonium Hydroxide	.1 - .15

### SECTION 4. FIRST AID MEASURES

**Inhalation:**            Supply fresh air, consult physician in case of complaints.  
**Skin Contact:**        Immediately wash with soap and water, rinse thoroughly.  
**Eye Contact:**         Rinse opened eye for at least 15 minutes under running water or sanitary eye wash solution. If symptoms persist, contact physician.  
**Ingested:**              If swallowed contact physician, seek medical attention.

### SECTION 5. FIREFIGHTING MEASURES

**Extinguishing Media:**    Use an extinguishing media appropriate for surrounding fire. CO<sub>2</sub>, extinguishing powder, water or alcohol resistant foam.

**Hazardous Combustion Products:**    Water vapor, carbon monoxide and carbon dioxide may be produced. Highly aqueous solution, this product is not expected to spontaneously ignite or combust.

**Further Information:**      Under high heat conditions, containers holding product may burst due to water vapor pressure.

MSDS Number: 100

Britton Black Mulch Colorant B-2817

**SECTION 6. ACCIDENTAL RELEASE MEASURES****Personal Precautions, Protective Equipment, Emergency**

**Procedures:** Use personal protective equipment to avoid skin and eye contact.

**Environmental Precautions:** Prevent from entering drains, surface and ground water. This material is concentrated dye/pigment. Small quantities in contaminated water solutions will color large volumes.

**Methods and Materials for Containment**

**and Cleaning Up:** Ensure adequate ventilation. Absorb with inert binding material such as sand, sawdust, silica gel, acid binders, absorbent pads.

**Disposal:** Store in drums or containers, dispose in accordance with Local, State and Federal Regulations.

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**SECTION 7. HANDLING AND STORAGE**

**Advice On Safe Handling:** Do not breath vapors or dust. Avoid contact with eyes and skin. For personal protection see section 8. Smoking, eating and drinking should be prohibited when handling and use.

**Conditions for Safe Storage:** Keep containers tightly closed, do not store in direct sunlight or outdoors for long periods of time. Do not store near oxidizing agents. Keep product from freezing.

**Storage Temperature:** Store between 35 - 100 °F

**Storage Period:** 12 months.

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### SECTION 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

#### Control

Parameters: None.

#### Components With Occupational

**Exposure Limits:** The product does not contain any relevant quantities of materials with critical values that are required to be monitored at the workplace.

#### Personal Protective Equipment:

**Respiratory Protection:** No personal respiratory protective equipment normally required. If in the case of nuisance vapor formation, use a respirator with an approved filter for protection of ammonia vapors.

**Hand Protection:** Impermeable chemical resistant gloves. Suitability of the specific gloves should be discussed with the glove producer/supplier.

**Eye Protection:** Splash resistant face shield or tightly fitted goggles. Eye wash bottle or pure water within area of product use.

**Skin and Body Protection:** No special clothing required during normal use. For abnormal processing problems, impervious disposable or washable protective clothing recommended.

**Hygiene Measures:** Do not eat, drink or smoke when handling product. Wash hands prior to breaks and end of work day.

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### SECTION 9. PHYSICAL AND CHEMICAL PROPERTIES

**Appearance:** viscous, liquid  
**Color:** black, highly concentrated  
**Odor:** ammoniacal, amine-like, ammonia  
**Odor Threshold:** no data available  
**pH:** 9.5 - 11  
**Freezing Point:** 32 °F  
**Boiling Point:** 212 °F  
**Flash Point:** not applicable  
**Flammability:** not applicable

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MSDS Number: 100

Britton Black Mulch Colorant B-2817

**BRITTON BLACK MULCH COLORANT***Version 1.0**Date 06/13/2015***Ignition****Temperature:** not applicable**Decomposition****Temperature:** not determined**Auto Ignition:** product is not self igniting**Danger of****Explosion:** product does not present an explosion hazard**Explosion Limits:** not applicable**Vapor Pressure****@ 68 °F:** 24hPa (17 mm HG)**Density:**relative - not determined  
vapor - not determined  
evaporation rate - not determined**Solubility In/  
Miscibility With  
Water:**

carbon black, not soluble in water

**Partition****Coefficient:** not determined**Viscosity:** dynamic - not determined**Kinematic:** not determined**Solvent Content:** organic - 0.0%  
water - 51%

**10. STABILITY AND REACTIVITY**

**Reactivity:** no relevant information available

**Chemical Stability:** stable under normal conditions

**Thermal**

**Decomposition:** no decomposition if used according to specifications

**Possibility of  
Hazardous**

**Reactions:** no hazardous reactions known when used according to label instructions

**Conditions to**

**Avoid:** no relevant information available

**Incompatible**

**Materials:** strong oxides, strong acids

**Hazardous****Decomposition**

**Products:** no dangerous decomposition products known

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**11. TOXICOLOGICAL INFORMATION****Information On**

**Toxicological Effects:** No effects known.

**Acute Toxicity:** No effects known.

**Primary Irritant  
Effect:** on skin - mild irritant effect  
in the eyes - causes serious eye irritation

**Additional**

**Toxicological Info:** Irritant

**Carcinogenic Categories****IARC (International Agency for Research on Cancer)**

<b>Components:</b>	1333-86-4 Carbon Black (furnace black) Group 2B - Possibly carcinogenic to humans
<b>Additional Information:</b>	This product contains carbon black which is classified by IARC as a Group 2B carcinogen. However, the carbon black in this product is dispersed in liquid and does not present an inhalation hazard.
<b>ACGIH</b>	No component of this product present at levels greater than or equal to 0.1% is identified as a carcinogen or potential carcinogen by ACGIH
<b>OSHA</b>	No component of this product present at levels greater than or equal to 0.1% is identified as a carcinogen or potential carcinogen by OSHA
<b>NTP</b>	No component of this product present at levels greater than or equal to 0.1% is identified as a carcinogen or potential carcinogen by NTP

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**12. ECOLOGICAL INFORMATION****Toxicity**

<b>Aquatic Toxicity:</b>	No relevant information available
<b>Persistence and Degradability:</b>	No relevant information available
<b>Behavior in Environmental Systems:</b>	No relevant information available
<b>Bioaccumulative Potential:</b>	No relevant information available
<b>Mobility in Soil:</b>	Not soluble in water. Not expected to migrate

**Additional Ecological Information:**



**13. DISPOSAL CONSIDERATIONS****Waste Treatment Methods**

**Recommendations:** Must not be disposed of with household garbage  
Do not allow product to reach sewage system or drainage systems  
This product should be disposed of in accordance to Local, State and Federal regulations concerning water based paints, pigments and dyes

**Uncleaned Packaging**

**Recommendations:** Dispose of according to Local, State and Federal regulations

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**14. TRANSPORTATION INFORMATION**

**US DOT:** Not regulated as a hazardous material for transport  
**TDG:** Not regulated as dangerous goods for transport  
**Marine Pollutant:** Not classified as a marine pollutant  
**ADR, IMDG, IATA:** Not regulated

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**15. REGULATORY INFORMATION****Safety, Health and Environmental Regulations/Legislation Specific for the Substance or Mixture**

**SARA:** Section 355, (extremely hazardous substances):  
None of the ingredients are listed  
Section 313 (specific toxic chemical listing):  
1336-21-6 Ammonium Hydroxide

**TSCA:** 1336-21-6 Ammonium Hydroxide

**Proposition 65:** Chemicals known to cause cancer:  
None of the ingredients are listed  
Chemicals known to cause reproductive toxicity for females:  
None of the ingredients are listed  
Chemicals known to cause reproductive toxicity for males:  
None of the ingredients are listed  
Chemicals known to cause developmental toxicity:  
None of the ingredients are listed

**Carcinogenic Categories**

**EPA:** None of the ingredients listed

**Threshold Limit Value by ACGIH:** None of the ingredients listed

**National Institute for Occupational Safety and Health:** None of the ingredients listed

**GHS Label Elements:** This product is classified and labeled according to the Globally Harmonized System (GHS)



Hazard Pictogram  
GHS07

**Signal Word:** **WARNING**  
**Hazard Statement:** **Causes skin & eye irritation.**

**Precautionary Statements**

**Prevention:**  
Wear protective chemical resistant gloves  
Wear eye protection/full face shield  
Wash thoroughly after handling

**Response:**  
P302+P352 IF ON SKIN: Wash with plenty of soap and water  
P305+P351+P338 IF IN EYES: Rinse cautiously with water for several minutes, remove contact lenses, continue rinsing  
P332+P337+P313 If skin or eye irritation persists, seek medical advice/ attention

**National Regulations:** This product is subject to labeling according with the prevailing version of regulations on hazardous substances.

**State Right** Proprietary Dye Dispersion  
**To Know:**  Category 2 H315, skin irritant  
 Category 2A H319, eye irritant

**Chemical Safety Assessment:** A Chemical Safety Assessment has not been carried out.

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## 16. OTHER INFORMATION

The information and recommendations in this safety data sheet are, to the best of our knowledge, accurate as of the date of issue. Nothing herein shall be deemed to create warranty, expressed or implied and shall not establish a legally valid contractual relationship. It is the responsibility of the user to determine applicability of this information and the suitability of the materials or product for any particular purpose.

**Date of preparation / last revision: 6/13/2015**

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