

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

BRITTON BROWN MULCH COLORANT

Version 1.0

Date 06/13/2015

SECTION 1. PRODUCT AND COMPANY IDENTIFICATION

Trade Name: Britton Brown Mulch Colorant
Product Number: B-9686

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

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: 102

Britton Brown Mulch Colorant B-9686

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

Carcinogenicity: 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
IARC

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

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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. CO₂, 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: 102

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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.

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.

SECTION 9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance: viscous, liquid
Color: brown, 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

MSDS Number: 102

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BRITTON BROWN 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:**

Miscible

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

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)**

Components:	No components are classified as carcinogens.
Additional Information:	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.
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

12. ECOLOGICAL INFORMATION**Toxicity**

Aquatic Toxicity: No relevant information available

Persistence and Degradability: No relevant information available

Behavior in Environmental Systems: No relevant information available

Bioaccumulative Potential: No relevant information available

Mobility in Soil: 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

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

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.

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