

SAFETY DATA SHEET

SECTION 1: Identification of the substance/mixture and of the company/undertaking

1.1 Product identifiers

Product name Bismarck Brown

CAS number 10114-58-6

Synonyms -

1.2 Relevant identified uses of the substance or mixture and uses advised against

Identified uses -

1.3 Details of the supplier of the safety data sheet

Company Lab Alley, LLC
12501 Pauls Valley Road
Austin, Texas 78737
U.S.A.

Telephone 512-668-9918

Fax 512-886-4008

1.4 Emergency telephone

Emergency Phone #	US & Canada: 1-800-535-5053	INFOTRAC
	International 1-352-323-3500	INFOTRAC

SECTION 2: Hazards identification

2.1 Classification of the substance or mixture

GHS Classification in accordance with 29 CFR 1910 (OSHA HCS)

None under normal processing.

2.2 GHS Label elements, including precautionary statements

Pictogram None.

Signal Word None.

Hazard statements None.
Precautionary statements: If medical advice is needed, have product container or label at hand.
Keep out of reach of children. Read label before use.

2.3 Hazards not otherwise classified (HNOC) or not covered by GHS



SECTION 3: Composition/information on ingredients

3.1 Components

Chemical name	Common name and synonyms	CAS number	Concentration
Bismarck Brown	-	10114-58-6	100%

SECTION 4: First aid measures

4.1 Description of first-aid measures

General advice

If inhaled Loosen clothing as necessary and position individual in a comfortable position. Remove to fresh air. Give artificial respiration if necessary. If breathing is difficult give oxygen. Never give anything by mouth to an unconscious person. Get medical assistance if cough or other symptoms appear.

In case of skin contact Wash hands and exposed skin with soap and plenty of water. Get medical assistance.

In case of eye contact Protect unexposed eye. Rinse or flush exposed eye gently using water for 15-20 minutes. Remove contact lenses while rinsing. Get medical assistance.

If swallowed Rinse mouth thoroughly. Do not induce vomiting. Dilute mouth with water or milk after rinsing. Get medical assistance.

4.2 Most important symptoms and effects, both acute and delayed

Irritation, nausea, headache, shortness of breath.

4.3 Indication of any immediate medical attention and special treatment needed

If seeking medical attention, provide SDS document to physician.

SECTION 5: Firefighting measures

5.1 Extinguishing media

Suitable extinguishing media Use water, dry chemical, chemical foam, or alcohol-resistant foam.

Unsuitable extinguishing media None.

5.2 Specific hazards arising from the substance or mixture

Irritating and highly toxic gases may be generated by combustion.

5.3 Special protective equipment and precautions for firefighters

Wear protective eyewear, gloves, and clothing. Fire Fighting Instructions: Use normal procedures. Use protective clothing. Use NIOSH approved breathing equipment.

5.4 Further information

Flash Point No data available.

Autoignition Temperature No information available.

Explosion limits

Upper No data available.

Lower No data available.

Sensitivity to Mechanical Impact No information available.

Sensitivity to Static Discharge No information available.

NFPA

Health	Flammability	Instability	Physical hazards
1	0	0	N/A

SECTION 6: Accidental release measures

6.1 Personal precautions, protective equipment and emergency procedures

Emergency eye wash fountains and safety showers should be available in the immediate vicinity of use or handling. Use spark-proof tools and explosion equipment.

6.2 Environmental precautions

Prevent from reaching drains, sewer, or waterway. Collect contaminated soil for characterization per Section 13.

6.3 Methods and materials for containment and cleaning up

Collect liquids using vacuum or by use of absorbents. Place into properly labeled containers for recovery or disposal. If necessary use trained response staff or contractor. Avoid dispersal of dust in the air. Do not clear dust on surfaces with compressed air. Always obey local regulations.

6.4 Reference to other sections

See section 2 for full list of hazard and precaution statements.

SECTION 7: Handling and storage

7.1 Precautions for safe handling

Precautions on safe handling

Dust deposits should not be allowed to accumulate on surfaces. Dust may form an explosive mixture if sufficient concentration is released into the atmosphere. Avoid contact with skin, eyes, and clothing. Routine housekeeping should be instituted to ensure that dusts do not accumulate on surfaces. Dry powders can build static electricity charges when subjected to the friction of transfer and mixing operations. Follow good hygiene procedures when handling chemical materials. Do not eat, drink, smoke, or use personal products when handling chemical substances.

Hygiene measures

Wash hands before breaks and at the end of work. Avoid contact with skin, eyes and clothing. Wash off with soap and plenty of water. Remove contaminated clothing and shoes. Wash hands and exposed skin with soap and plenty of water.

7.2 Conditions for safe storage, including any incompatibilities

Storage conditions

Store away from food. Store away from incompatible materials. Store with like hazards. Store product and empty container away from heat and sources of ignition. Keep container tightly closed in a cool, dry, and well-ventilated area.

Incompatibilities

No information available.

SECTION 8: Exposure controls/personal protection

8.1 Occupational exposure limits

US. OSHA Table Z-1 Limits for Air Contaminants (29 CFR 1910.1000)

No information available.

US. ACGIH Threshold Limit Values

No information available.

US. NIOSH: Pocket Guide to Chemical Hazards

No information available.

Biological occupational exposure limits

No information available.

8.2 Exposure controls

Appropriate engineering controls

It is recommended that all dust control equipment such as a local exhaust ventilation and material transport systems involved in handling of this product contain explosion relief vents or an explosion suppression system or an oxygen deficient environment. Ensure that dust-handling systems (such as exhaust ducts, dust collectors, vessels, and processing equipment) are designed in a manner to prevent the escape of dust into the work area (i.e. there is no leakage from the equipment). Normal ventilation is adequate. Emergency eye wash fountains and safety showers should be available in the immediate vicinity of use or handling.

Personal protective equipment

Eye/face protection

Safety glasses with side shields or goggles.

Skin protection

Select glove material impermeable and resistant to the substance. Select glove material based on rates of diffusion and degradation. Wear protective clothing.

Body Protection

Select glove material impermeable and resistant to the substance. Select glove material based on rates of diffusion and degradation. Wear protective clothing.

Respiratory protection

Not required under normal conditions of use. Use suitable respiratory protective device when high concentrations are present.

Control of environmental exposure

No information available.

SECTION 9: Physical and chemical properties

9.1 Information on basic physical and chemical properties

Physical State	Powder
Appearance	Brown
Odor	Odorless
Odor Threshold	No information available
pH	No information available
Melting Point/Range	No information available
Boiling Point/Range	No information available
Evaporation Rate	No information available
Flammability (solid)	No information available
Flammability or explosive limit	
Upper	No data available.
Lower	No data available.
Vapor Pressure	No information available
Vapor Density	No information available

Density	No information available
Solubility	Soluble.
Partition coefficient; n-octanol/water	No data available.
Autoignition Temp	No information available
Decomposition Temp	No information available
Viscosity	No information available
Molecular Formula	C18H20Cl2N6
Molecular Weight	419.33
VOC Content(%)	No information available
Oxidizing properties	No information available

9.2 Other safety information

No information available.

SECTION 10: Stability and reactivity

10.1 Reactivity

None.

10.2 Chemical stability

Stable under normal conditions.

10.3 Possibility of hazardous reactions

None.

10.4 Conditions to avoid

Incompatible materials. Dust generation. Excessive heat.

10.5 Incompatible materials

Strong oxidizers.

10.6 Hazardous decomposition products

Carbon oxides, nitrogen oxides, irritating and highly toxic gases may be generated by thermal decomposition.

SECTION 11: Toxicological information

11.1 Information on toxicological effects

Product Information, Component Information

Acute toxicity

No information available.

Skin corrosion/irritation

No information available.

Serious eye damage/eye irritation

No information available.

Respiratory or skin sensitization

No information available.

Germ cell mutagenicity

No information available.

Carcinogenicity

Component	CAS	IARC	NTP	ACGIH	OSHA	Mexico
Bismarck Brown	10114-58-6	Not listed	Not listed	Not listed	Not listed	Not listed

Specific target organ toxicity - single exposure

No information available.

Specific target organ toxicity - repeated exposure

No information available.

Reproductive toxicity

No information available.

Chronic effects

No information available.

11.2 Additional Information

No information available.

SECTION 12: Ecological information

12.1 Toxicity

Product		Species	Test Results
Bismarck Brown	LC50	Oryzias latipes	0.5 mg/l 48 h

12.2 Persistence and degradability

Readily degradable in the environment.

12.3 Bio accumulative potential

No additional information.

12.4 Mobility in soil

No additional information.

12.5 Results of PBT and vPvB assessment

No information available.

12.6 Endocrine disrupting properties

No information available.

12.7 Other adverse effects

No information available.

SECTION 13: Disposal considerations

13.1 Waste Disposal Methods

Chemical waste generators must determine whether a discarded chemical is classified as a hazardous waste. Chemical waste generators must also consult local, regional, and national hazardous waste regulations to ensure complete and accurate classification.

SECTION 14: Transport information

DOT (US)

No information available.

IMDG

No information available.

IATA

No information available.

SECTION 15: Regulatory information

US federal regulations This product is a "Hazardous Chemical" as defined by the OSHA Hazard Communication Standard, 29 CFR 1910.1200.

TSCA Section 12(b) Export Notification (40 CFR 707, Subpt. D)

Listed.

CERCLA Hazardous Substance List (40 CFR 302.4)

Not listed.

SARA 304 Emergency release notification

Not listed.

OSHA Specifically Regulated Substances (29 CFR 1910.1001-1053)

Not listed.

Superfund Amendments and Reauthorization Act of 1986 (SARA)

SARA 302 Extremely hazardous substance

Not listed.

SARA 311/312 Hazardous

Not listed.

SARA 313 (TRI reporting)

Not listed.

Other federal regulations

Clean Air Act (CAA) Section 112 Hazardous Air Pollutants (HAPs) List

Not listed.

Clean Air Act (CAA) Section 112(r) Accidental Release Prevention (40 CFR 68.130)

Not listed.

Safe Drinking Water Act

Not listed.

**FEMA Priority Substances Respiratory Health and Safety in the Flavor
Manufacturing Workplace**

Not listed

US state regulations

US. Massachusetts RTK - Substance List

Not listed

US. New Jersey Worker and Community Right-to-Know Act

Not listed

US. Pennsylvania Worker and Community Right-to-Know Law

Not listed

California Proposition 65

Not listed

SECTION 16: Other information

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SECTION 17: Disclaimer

The information provided on this Safety Data Sheet is correct to the best of our knowledge, information and belief at the date of its publication. The information given is designed only as a guide for safe handling, use, processing, storage, transportation, disposal and release and is not to be considered as a warranty or quality specification. The information relates only to the specific material designated and may not be valid for such material used in combination with any other material or in any process, unless specified in the text.