

Material Safety Data Sheet

Issued 12 June 2019

Section 1. Identification of the Material and Supplier

Company Name: Yayasan Pecinta Budaya Bebali
Address: Jalan Bisma 3, Ubud, Bali 80571, Indonesia
Contact: info@ypbb.org
Website: plantmordant.org
Trade name: Symplocos Plant Mordant
Uses: Used as a mordant for the fixation of natural dyes in the dyeing of yarns and textiles

Section 2. Hazards Identification

No toxic effects known from dust inhalation or ingestion or skin contact.
Inhalation may cause coughing and sneezing.

Section 3. Composition and Information on Ingredients

Botanical Name: Symplocos cochinchinensis
Part of Plant: Leaves
Preparation: Fallen leaves are dried and ground to a powder

Section 4. First Aid Measures

General advice: Do not take Internally. Avoid contact with eyes. Wash thoroughly with soap and water after handling and before eating.
If swallowed: Drink water.
If in eyes: Hold eye open and rinse slowly and gently with water for 5 minutes. Remove contact lenses, if present, after 5 minutes, then continue rinsing.
If on skin or clothing: Rinse skin with plenty of water.

Section 5. Fire-Fighting Measures

Extinguishing Media: Water spray, dry chemical, carbon dioxide or foam or as appropriate for surrounding fire and materials.

Section 6. Accidental Release Measures

Sweep up the spillage or collect spillage using vacuum cleaner and dispose. Avoid breathing the dust. Flush the area with water and clean.

Section 7. Handling and Storage

Safe Handling: No special precautions
Storage: Store in original packaging or in a closed container
Storage Temperature: Store at ambient room temperature or warehouse temperature conditions
Shelf Life: 5 years

Section 8. Special Protection Information

Respiratory protection: Dust respirator when handling, sifting, measuring or dissolving powder.
Eye protection: Safety goggles when handling, sifting, measuring or dissolving powder.
Protective clothing: No protective clothing needed.
Personal hygiene: Wash hands after exposure.

Follow standard Laboratory practice:

- Avoid contact with eyes
- Avoid inhalation of dust
- Wash thoroughly after handling
- Keep containers closed

Section 9. Physical and Chemical Properties

Physical Form:	Dry powder
Colour:	Brown
Flash Point:	Not applicable
Solubility:	Partially soluble in water
Melting Point:	Not applicable
Ignition Point:	Not applicable

Contains:

Aluminium	3.4%
Calcium	3.1%
Potassium	1.5%
Magnesium	0.5%
Manganese	0.1%

The dry leaf powder also contains small amounts of gallic acid, ellagic acid, quercetin and caffeic acid.

Section 10. Stability and Reactivity

Conditions to Avoid:	Avoid exposure to moisture
Materials to Avoid:	None
Decomposition Products:	None

Section 11. Toxicological Information

Acute Toxicity (LD50):	Non-toxic
Skin irritation:	Not observed

Section 12. Ecological Information

Biodegradable

Section 13. Disposal Considerations

Sweep up the spillage or collect spillage using vacuum cleaner and dispose. Avoid breathing the dust. Flush the area with water and clean.

Section 14. Transportation

By Air / Sea/ Road, Symplocos Plant Mordant is non-dangerous, non-toxic, non-hazardous and it can be carried in aircraft / ship / transport vehicle.

Section 15. Regulatory Information

Hazardous label:	Not applicable
Symbols:	Not applicable
Indications of danger:	Not applicable
Nature of special risks:	Not applicable

Section 16. Other Information

This MSDS applies only to the specified "Plant Mordant" from Yayasan Pecinta Budaya Bebali (dba Bebali Foundation) in Indonesia. It does not apply to any other product labelled or sold as plant mordants. It does not apply to plant mordants from other sources or suppliers. The information contained herein is offered only as a guide to the handling of this specific product. Since such information does not relate to use of these products with any other products or in processes, any person using this information must determine for himself or herself its suitability for any particular application. The buyer and user assume all risk and liability of use, storage and/or handling of this product not in accordance with the terms of the product labels. Yayasan Pecinta Budaya Bebali makes no Warranties of any kind, express or implied with respect to this product. Yayasan Pecinta Budaya Bebali shall not be liable for any injury, loss or damage directly or consequently arising from the misuse or inability to use the product.