

## SAFETY DATA SHEET

**PRODYE BLUE**

**Issued: OCTOBER 2017**

**Page 1 of 5**

### 1. IDENTIFICATION OF THE MATERIAL AND SUPPLIER

|                                     |   |
|-------------------------------------|---|
| <b>Product Name:</b>                | <b>Prodye Blue</b>  |
| <b>Product Codes:</b>               | <b>PDYEB</b>  |
| <b>Product Use:</b>                 | A dye marker for addition to spray tanks for spray area identification.                 |
| <b>Supplier:</b>                    | GREVILLIA AG PTY LTD  |
| <b>ABN:</b>                         | 36 083 323 817  |
| <b>Address:</b>                     | 10 Bult Drive Brendale Queensland 4500 Australia.                                       |
| <b>Telephone Number:</b>            | (07) 3205 1788  |
| <b>Facsimile:</b>                   | (07) 3205 4327  |
| <b>Emergency Telephone Numbers:</b> | <b>Emergency Tel 24hr 0428 727 300</b><br>Poisons Information Centre Australia: 13 1126 |

### 2. HAZARD IDENTIFICATION

|                              |   |
|------------------------------|---|
| <b>Hazard Classification</b> | Classified as non-hazardous under NOHSC criteria.           |
| <b>GHS Classification:</b>   | Acute toxicity: Category 4<br>Eye damage: Category 1        |
| <b>Signal Word:</b>          | DANGER  |
| <b>Hazard Statements:</b>    | H302 Harmful if swallowed<br>H318 Causes serious eye damage |



|   |   |
|---|---|
| <b>Precautionary statement – Prevention</b> | P280 Wear protective gloves/protective clothing/eye protection/face protection.<br>P264 Wash face, arms and hands thoroughly after handling.<br>P270 Do not eat, drink or smode when using this product.  |
| <b>Precautionary statement – Response</b>   | P301+P312 IF SWALLOWED: Call POISON CENTRE or doctor/physician if fell unwell<br>P305+P351+P338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.<br>P310 Immediately call a POISON CENTRE or doctor/physician.<br>P330 Rinse mouth. |
| <b>Poisons Schedule:</b>                    | S6  |
| <b>Disposal:</b>                            | P501 Dispose of contents/container in accordance with national regulations.   |

# SAFETY DATA SHEET

PRODYE BLUE

Issued: OCTOBER 2017

Page 2 of 5

## 3. COMPOSITION / INFORMATION ON INGREDIENTS

| Chemical Name                                    | CAS Number | Proportion |
|--|------------|------------|
| Brilliant Blue FCF                               | 81-88-9    |            |
| Ethylene Glycol Monomethyl Ether                 | 111-90-0   |            |
| Diethylene Glycol                                | 111-46-6   |            |
| Other Ingredients determined not to be hazardous |            |            |

## 4. FIRST AID MEASURES

### Description of Necessary First Aid Measures

|                          |  |
|--------------------------|--|
| <b>Ingestion:</b>        | If swallowed, DO NOT induce vomiting. Wash mouth with water and give plenty of water to drink. If poisoning occurs, contact a Doctor or Poisons Information Centre. Ph 131 126.            |
| <b>Eye:</b>              | If in eyes immediately irrigate with copious quantities of water for at least 15 minutes. Eyelids to be held open. Seek medical assistance. Transport to hospital or medical centre.       |
| <b>Skin:</b>             | If material is splashed onto the skin, remove any contaminated clothing and wash skin thoroughly with water and soap if available. Re-wash if irritation persists and seek medical advice. |
| <b>Inhalation:</b>       | Move victim to fresh air. Allow patient to assume the most comfortable position and keep warm. Keep at rest until fully recovered. Seek medical advice if effects persist.                 |
| <b>First Aid:</b>        | Eye wash fountain, safety shower and normal wash room facilities.  |
| <b>Advice to Doctor:</b> | Treat symptomatically. Gastric lavage with medical charcoal in water is recommended if ingested. Can cause corneal burns.  |

## 5. FIRE FIGHTING MEASURES

|                                      |  |
|--------------------------------------|--|
| <b>Fire/Explosion Hazard</b>         |  |
| <b>Specific Hazards:</b>             | Combustible Liquid   |
| <b>Fire Fighting Further Advice:</b> | Combustible Liquid. On burning will emit toxic fumes. Fire fighters to wear self-contained breathing apparatus if risk of exposure to vapor or products of combustion. |
| <b>Suitable extinguishing Media:</b> | Water fog (or if unavailable fine water spray), foam, dry agent (carbon dioxide, dry chemical powder).   |

## 6. ACCIDENTAL RELEASE MEASURES

|                      |  |
|----------------------|--|
| <b>Small Spills:</b> | Slippery when spilt. Wear protective equipment to prevent skin and eye contamination. Contain, prevent run off into drains and |
|----------------------|--|

# SAFETY DATA SHEET

PRODYE BLUE

Issued: OCTOBER 2017

Page 3 of 5

**Large Spills:**

waterways. Use absorbent (soil, sand, or other inert material). Collect and seal in properly labelled containers for disposal.

Slippery when spilt. Avoid accidents, clean up immediately. Wear protective equipment to prevent skin and dye contamination.

Contain – prevent run off into drains and waterways. Use absorbant (soil, sand or other inert material). Collect and seal in properly labelled drums for disposal. Wash area down with excess water.

## 7. HANDLING AND STORAGE

**Precautions for Safe Handling:**

Keep out of reach from Children  
Classified as a CI (COMBUSTIBLE LIQUID) for the prupose of storage and handling, in accordance with the requirements of AS 1940. Refer to State Regulations for storage and transport requirements.

**Conditions for Safe Storage, Including Any Incompatibilities:**

Store in the closed, original container in a dry, well ventilated area, as cool as possible out of direct sunlight. Store in a locked room or place away from animals, food, foodstuff, seeds and fertilisers.

The material is a Schedule Poison S6 and must be store, maintained and used in accordance with the relevant regulations.

## 8. EXPOSURE CONTROLS / PERSONAL PROTECTION

**National occupational exposure limits:**

No value assigned for the specific material by the National Occupational Health and Safety Commission. (Workplace Australia).

**Ventilation:**

IN THE WORKPLACE: use in a well ventilated area. Keep containers closed when not in use.

**Personal protective clothing:**

OVERALLS, SAFETY SHOES, CHEMICAL GOGGLES, GLOVES.  
Eyes: Wear safety glasses with side shields or chemical goggles.  
Skin: Wear appropriate protective gloves to prevent skin exposure.  
Body Protection: Wear appropriate protective suit to prevent exposure of body.  
Hygiene Practices: When using, do not eat, drink or smoke. Shower at the end of working.

## 9. PHYSICAL AND CHEMICAL PROPERTIES

|                          |                       |
|--------------------------|-----------------------|
| <b>Appearance:</b>       | Dark Blue liquid      |
| <b>Odour:</b>            | Negligible            |
| <b>Vapour Pressure:</b>  | Low                   |
| <b>Melting Point:</b>    | None Available        |
| <b>Boiling Point:</b>    | None Available        |
| <b>Specific Gravity:</b> | None Available        |
| <b>Flammability:</b>     | None Available        |
| <b>Flash Point:</b>      | 131                   |
| <b>Solubility:</b>       | Very Soluble in water |

# SAFETY DATA SHEET

PRODYE BLUE

Issued: OCTOBER 2017

Page 4 of 5

## 10. STABILITY AND REACTIVITY

**Chemical Stability:** Stable under normal conditions for at least 2 years

## 11. TOXICOLOGICAL INFORMATION

No adverse health effects expected if the product is handled in accordance with this Safety Data Sheet and the product label. Symptoms that may arise if the product is mishandled and overexposure occurs are:

Acute Toxicity / Chronic Toxicity

Oral LD50 (rat): 2000 mg/kg

EYES (rabbit): Irritant

SKIN (rabbit): Non-irritant

No LD50 data available for the product.

In a two year feeding study carried out on behalf of the US cosmetics association CTFA. Rats and mice developed a high incidence of tumors of various target organs.

IARC (International Agency for Research on Cancer) have concluded no adequate data for carcinogenicity to humans, based on this limited evidence in animals.

## 12. ECOLOGICAL INFORMATION

**Ecological Information:** Avoid contaminating waterways  
Moderately toxic to aquatic organisms  
96hr LC50 (mosquito fish) 10-100 mg//L

## 13. DISPOSAL CONSIDERATIONS

**Disposal of Contaminated Packaging** Disposal should be via an authorized waste disposal contractor to an approved waste disposal site and in accordance with all local and national regulations.

**Spills:** Collect spilled material on chemical absorbent and dispose of spilled material and waste in sealable open-top type containers for disposal. Prevent from entering drains, waterways or sewers.

## 14. TRANSPORTATION INFORMATION

**Storage and Transport:** Not classified as a Dangerous Good according to the Australian Code for the Transport of Dangerous Goods by Road and Rail (ADG Code) 6th Edition. Not classified as a Dangerous Good according to the UN, DOT(US), IACO(LATA), IMO(IMDG)

## 15. REGULATORY INFORMATION

**Packaging Labelling:** Read Safety Directions Before Opening Or Using  
Keep Out Of Reach Of Children

**AICS Status:** All the constituents of this chemical are listed on the Australian Inventory of Chemical Substances (AICS).

**Poisons Schedule:** S6

# SAFETY DATA SHEET

PRODYE BLUE

Issued: OCTOBER 2017

Page 5 of 5

## 16. OTHER INFORMATION

The information in this material safety data sheet refers to the concentrated material. When diluted as described on the label the acute health effects of exposure may be less severe.

This material safety data sheet supersedes all previous issues.

It is the responsibility of the Purchasers of this product to ensure that all safety information and environmental information is provided to any people who may use this product.

The information contained within this safety data sheet is correct to the best of our knowledge and is provided in good faith. Grevillia Ag cannot control the conditions in which it is used so therefore each user must, prior to usage, assess and control the risks arising from their use of the material

Contact Normal Hours: Mr John Lever Phone: (07) 3205 1788

After Hours: Mr John Lever Phone: 0428 727 300

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