

# MATERIAL SAFETY DATA SHEET

## WATER SOLUBLE COLOUR – AMARANTH RED



### 1. Identification of Substance, Preparation and Company

Product Name: Amaranth Colour (Powder)

Company Name: Bathbomb.biz limited  
Company Address: 37 Worting Road  
Basingstoke  
Hampshire  
RG21 8TZ

Emergency Phone Number: 01256 474889

### 2. Composition Information on Ingredients

Definition / Botanical Origin: Contains Amaranth (CI No. 16185)

H-No:

CAS No: 915-67-3

EU No.: E123

FEMA:

Additives:

FDA:

IFRA:

Formula:

Application: Water based colour

EINECS: 213-02202

INCI Name: C.I. 16185

FCCIV:

Ingredient Declaration:

### 3. Hazards Identification

- Concentrated product. Do not ingest. Observe good housekeeping procedures.



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### 4. First Aid Measures

|                         |  |
|-------------------------|--|
| Inhalation Treatment:   | Remove from exposure site to fresh air. Keep at rest. Obtain medical attention.  |
| Eye Exposure Treatment: | Rinse immediately with plenty of water for at least 15 mins, holding eyelids open. Contact a doctor if symptoms persist.                 |
| Skin Contact Treatment: | Remove contaminated clothes. Wash thoroughly with soap & water, flush with plenty of water. If irritation persists, seek medical advice. |
| Ingestion Treatment:    | Rinse mouth and then drink plenty of water. Seek medical advice if large amounts are involved. Do not induce vomiting.                   |
| Other:                  | When assessing action take Risk & Safety Phrases into account (Section 15)   |

### 5. Fire Fighting Measures

|                                  |   |
|----------------------------------|---|
| Extinguishing Media Recommended: | Use Water Mist, CO <sub>2</sub> , Dry Powder or Foam type Extinguishers, spraying extinguishing media to base of flames. Do not use direct water jet on burning material. |
| Special Measures:                | Avoid vapour inhalation. Keep away from sources of ignition. Do not smoke. Wear positive pressure self-contained breathing apparatus & protective clothing.               |
| Extinguishing Procedures:        | Closed containers may build up pressure when exposed to heat and should be cooled with water spray.   |

### 6. Accidental Release Measures

|                                    |  |
|------------------------------------|--|
| Personal precautions:              | Avoid inhalation & direct contact with skin & eyes. Use individual protective equipment (safety glasses, waterproof-boots, suitable protective clothing) in case of major spillages. |
| Environmental precautions:         | Keep away from drains, soils, surface & ground waters.   |
| Cleaning up methods for spillages: | Remove all potential ignition sources. Vacuum up and wash spill site. Observe state, federal & local disposal regulations.   |



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### 7. Handling and Storage

|                          |   |
|--------------------------|---|
| Precautions in handling: | Apply good manufacturing practice & industrial hygiene practices, ensuring proper ventilation. Observe good personal hygiene, and do not eat, drink or smoke whilst handling. |
| Storage conditions:      | Store in tightly closed original container, in a cool, dry & ventilated area away from heat sources & protected from light. Keep air contact to a minimum.                    |
| Fire protection:         | Keep away from ignition sources & naked flames. Take precautions to avoid static discharges in working area.  |

### 8. Exposure Controls / Personal Protection

|                         |   |
|-------------------------|---|
| Respiratory protection: | Avoid breathing dust. Apply local ventilation where possible.   |
| Ventilation:            | Ensure good ventilation of working area.  |
| Hand protection:        | Avoid all skin contact. Use chemically resistant gloves if required.  |
| Eye protection:         | Wear safety glasses.  |
| Work/Hygiene practices: | Dry, fine powders can remove the skin's natural oils, leaving it cracked and dry and open to infection. Wash hands with soap & water after handling. Use skin moisturisers. |

### 9. Physical and Chemical Properties

|                                  |                |
|----------------------------------|----------------|
| Appearance:                      | Red Powder     |
| Odour:                           | None           |
| Flash Point (°C):                | Not applicable |
| Density                          |                |
| Bulk Density:                    | No data        |
| Solubility in Water              | Soluble        |
| PH (at 50gl <sup>-1</sup> water) | 6-8            |
| Thermal Decomposition:           | No data        |

### 10. Stability and Reactivity

|                |                   |
|----------------|-------------------|
| Reactivity:    | No data available |
| Decomposition: | No data available |



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### 11. Toxicological Information

- Non toxic, permitted food colourant
- After skin contact : Irritation not expected
- After eye contact : Irritation possible through mechanical action of dust particles.
- After inhalation : May cause discomfort to respiratory tract

### 12. Ecological Information

|                   |   |
|-------------------|---|
| Biodegradability: | Data not available  |
| Precautions:      | Prevent surface contamination of soil, ground & surface water. Do not discharge into natural waters without pre-treatment |

### 13. Disposal Considerations

- Avoid disposing to drainage systems and into the environment. Seek expert advice.

### 14. Transport Information

- Not classified as a hazardous cargo under current transport regulations. Use an approved carrier

|                 |                |
|-----------------|----------------|
| Road (ADR/RID): | Not restricted |
| Air (IATA):     | Not restricted |
| Sea (IMDG)      | Not restricted |

### 15. Regulatory Information (According to Directive 88/379/EEC)

|                   |  |
|-------------------|--|
| Hazards:          | Not applicable                                       |
| Symbols:          | Not applicable                                       |
| Risk Phrases:     | Not applicable                                       |
| Safety Phrases:   |  |
| Dust:             | Long term total dust : 10mg.m <sup>-3</sup> -8hr TWA |
| Respirable dust : | 4mg.m <sup>-3</sup> -8hr TWA                         |



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### 16. Other Information

#### 16.1. Packaging

| Type                       | Suitability |
|----------------------------|-------------|
| Glass:                     | Yes         |
| Lacquer lined steel / tin: | No          |
| Aluminium:                 | Yes         |
| HDPE:                      | Yes         |
| F/HDPE:                    | Yes         |
| Other plastic:             | Yes         |

#### 16.2. Shelf Life

Min 12 months when stored within advised conditions. Retest after 6 months

#### 16.3. QC Requirements

In-line with general product specification. Always satisfy suitability for specific application.

The data provided in this material safety data sheet is meant to represent typical data/analysis for this product and is correct to the best of our knowledge. The data was obtained from current and reliable sources, but is supplied without warranty, expressed or implied, regarding its' correctness or accuracy. It is the user's responsibility to determine safe conditions for the use of this product, and to assume liability for loss, injury, damage or expense arising from improper use of this product. The information provided does not constitute a contract to supply to any specification, or for any given application, and buyers should seek to verify their requirements and product use..

Should you have any questions relating to the use of this product, please contact bathbomb.biz Ltd either by phone (01256 474889) or by email ([fizzy@bathbomb.biz](mailto:fizzy@bathbomb.biz)) .

