



SAFETY DATA SHEET

according to 1907/2006/EC, Article 31

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DYOFIX POND BLUE POWDER

Revision 5

Revision date 2017-03-31

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

1.1. Product identifier

| | |
|--------------|-------------------------|
| Product name | DYOFIX POND BLUE POWDER |
|--------------|-------------------------|

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

| | |
|-------------|--------------------|
| Description | No data available. |
|-------------|--------------------|

1.3. Details of the supplier of the safety data sheet

| | |
|---------------------------------------|---|
| Company | Town End (Leeds) plc |
| Address | Silver Court, Intercity Way, Stanningley, Leeds, LS13 4LY |
| Web | www.dyes.co.uk |
| Telephone | +44 (0)113 256 4251 |
| Fax | +44 (0)113 239 3315 |
| Email | msds@dyes.co.uk |
| Email address of the competent person | msds@dyes.co.uk |

1.4. Emergency telephone number

| | |
|----------------------------|--|
| Emergency telephone number | +44 (0)113 256 4251 9.00 am - 5.00 pm GMT Mon - Fri |
|----------------------------|--|

Intended use

| | |
|--|------------------------------------|
| | Food Dye. Used as water colourant. |
|--|------------------------------------|

SECTION 2: Hazards identification

2.1. Classification of the substance or mixture

| | |
|--------------|-----------------------|
| Main hazards | No Significant Hazard |
|--------------|-----------------------|

2.2. Label elements

| | |
|--------------|-----------------------|
| Risk phrases | No Significant Hazard |
|--------------|-----------------------|

2.3. Other hazards

| | |
|---------------|--------------------|
| Other hazards | No data available. |
|---------------|--------------------|

SECTION 3: Composition/information on ingredients

3.1. Substances

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3.1. Substances

EC 1272/2008

| Chemical Name | Index No. | CAS No. | EC No. | REACH Registration Number | Conc. (%w/w) | Classification | M-factor. |
|-------------------------|-----------|---------|--------|---------------------------|--------------|----------------|-----------|
| DYOFIX POND BLUE POWDER | | | | | | | |

The product does not contain any substances classified as hazardous according to CLP.

3.2. Mixtures

Not applicable.

SECTION 4: First aid measures

4.1. Description of first aid measures

| | |
|--------------|---|
| Inhalation | Move the exposed person to fresh air. Seek medical attention if irritation or symptoms persist. |
| Eye contact | Rinse immediately with plenty of water for 15 minutes holding the eyelids open. Seek medical attention if irritation or symptoms persist. |
| Skin contact | Remove contaminated clothing. Wash off immediately with plenty of soap and water. Seek medical attention if irritation or symptoms persist. |
| Ingestion | Rinse mouth thoroughly. DO NOT INDUCE VOMITING. Seek medical attention if irritation or symptoms persist. |

4.2. Most important symptoms and effects, both acute and delayed

| | |
|--------------|---|
| Inhalation | May cause irritation to respiratory system. |
| Eye contact | May cause irritation to eyes. |
| Skin contact | May cause irritation to skin. |
| Ingestion | May be harmful if swallowed. |

4.3. Indication of any immediate medical attention and special treatment needed

| | |
|--------------|--|
| Inhalation | Seek medical attention if irritation or symptoms persist. Symptomatic treatment. |
| Eye contact | Seek medical attention if irritation or symptoms persist. Symptomatic treatment. |
| Skin contact | Seek medical attention if irritation or symptoms persist. Symptomatic treatment. |
| Ingestion | Seek medical attention if irritation or symptoms persist. Symptomatic treatment. |

SECTION 5: Firefighting measures

5.1. Extinguishing media

Use extinguishing media appropriate to the surrounding fire conditions.
Carbon dioxide (CO₂). Foam. Water spray.

5.2. Special hazards arising from the substance or mixture

Burning produces obnoxious and irritating fumes.

5.3. Advice for firefighters

Self-contained breathing apparatus.

Further information

| | |
|------------------|--------------------------------------|
| Gas | Carbon, nitrogen and sulphur oxides. |
| Explosion hazard | None. |

SECTION 6: Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures

Ensure adequate ventilation of the working area.
Handle in accordance with good industrial hygiene practice and any legal requirements.

6.2. Environmental precautions

Not applicable.

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6.3. Methods and material for containment and cleaning up

| | |
|--|--|
| | Absorb with inert, absorbent material. Transfer to suitable, labelled containers for disposal. |
|--|--|

6.4. Reference to other sections

| | |
|--|--|
| | See section 3, 8 & 13 for further information. |
|--|--|

SECTION 7: Handling and storage**7.1. Precautions for safe handling**

| | |
|--|--|
| | Avoid contact with eyes and skin. Avoid breathing dust/fume/gas/mist/vapours/spray. Adopt best Manual Handling considerations when handling, carrying and dispensing. |
|--|--|

7.2. Conditions for safe storage, including any incompatibilities

| | |
|--|--|
| | Keep containers tightly closed. Store in a cool, dry area. Do not store with hazardous chemicals. In common with many organic compounds in powder form it can produce flammable dust clouds in air. Take precautionary measures against static discharges. |
|--|--|

7.3. Specific end use(s)

| | |
|--|--------------------|
| | No data available. |
|--|--------------------|

SECTION 8: Exposure controls/personal protection**8.1. Control parameters**

| | |
|--|--------------------|
| | No data available. |
|--|--------------------|

8.2. Exposure controls**8.2.1. Appropriate engineering controls**

| | |
|--|--|
| | Ensure adequate ventilation of the working area. |
|--|--|

8.2.2. Individual protection measures

| | |
|--|--|
| | Gloves, goggles, respiratory protection. |
|--|--|

SECTION 9: Physical and chemical properties**9.1. Information on basic physical and chemical properties**

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9.1. Information on basic physical and chemical properties

| | |
|----------------------------------|---------------------------|
| Appearance | Powder |
| Colour | Blue |
| Odour | Odourless |
| Odour threshold | No data available |
| pH | 5 - 6 @ 10 g/l |
| Melting point | No data available |
| Freezing Point | No data available |
| Initial boiling point | No data available |
| Flash point | No data available |
| Evaporation rate | No data available |
| Flammability (solid, gas) | No data available |
| Vapour pressure | No data available |
| Vapour density | No data available |
| Relative density | 0.8 - 1 g/cm ³ |
| Water solubility | 20 % |
| Fat Solubility | No data available |
| Partition coefficient | No data available |
| Autoignition temperature | No data available |
| Viscosity | No data available |
| Explosive properties | No data available |
| Oxidising properties | No data available |
| Solubility | No data available |

9.2. Other information

| | |
|---|-------------------|
| Conductivity | No data available |
| Surface tension | No data available |
| Gas group | No data available |
| Benzene Content | No data available |
| Lead content | No data available |
| VOC (Volatile organic compounds) | No data available |

Water solubility

Soluble in water.

SECTION 10: Stability and reactivity

10.1. Reactivity

No data available.

10.2. Chemical stability

Stable under normal conditions.

10.3. Possibility of hazardous reactions

No data available.

10.4. Conditions to avoid

Damp atmosphere.

10.5. Incompatible materials

Oxidising agents. Reducing agents.

10.6. Hazardous decomposition products

No data available.

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SECTION 11: Toxicological information

11.1. Information on toxicological effects

| | |
|-----------------------|-----------------------------------|
| Carcinogenicity | No carcinogenic effects reported. |
| Reproductive toxicity | No observed effect level. |

11.1.4. Toxicological Information

| | | |
|-------------------------|---|--|
| DYOFIX POND BLUE POWDER | Dermal Rat LD50: No data Dermal Rabbit LD50: No data | Oral Rat LD50: >2000 mg/kg Inhalation Rat LC50/4 h: No data |
|-------------------------|---|--|

Further information

| | |
|--------------------|---------------|
| Skin sensitisation | None known. |
| Eye irritation | Non-irritant. |

SECTION 12: Ecological information

12.1. Toxicity

| | |
|--|-------------------|
| | No data available |
|--|-------------------|

12.2. Persistence and degradability

| | |
|--|--------------------|
| | No data available. |
|--|--------------------|

12.3. Bioaccumulative potential

| | |
|--|--------------------|
| | No data available. |
|--|--------------------|

Partition coefficient

| | |
|--|---|
| | DYOFIX POND BLUE POWDER No data available |
|--|---|

12.4. Mobility in soil

| | |
|--|--------------------|
| | No data available. |
|--|--------------------|

12.5. Results of PBT and vPvB assessment

| | |
|--|--------------------|
| | No data available. |
|--|--------------------|

12.6. Other adverse effects

| | |
|--|--------------------|
| | No data available. |
|--|--------------------|

Further information

| | |
|---------------|--|
| Fish Toxicity | LC50 > 100 mg/l. |
| Metal content | Metal content under the EC Food Additive recommended limits. |
| Summary | Not toxic or harmful to aquatic organisms. |

SECTION 13: Disposal considerations

13.1. Waste treatment methods

| | |
|--|--------------------|
| | No data available. |
|--|--------------------|

Disposal methods

| | |
|--|---|
| | Dispose of in compliance with all local and national regulations. |
|--|---|

Disposal of packaging

| | |
|--|--|
| | Do NOT reuse empty containers. Dispose of in compliance with all local and national regulations. |
|--|--|

Further information

| | |
|--|--|
| | For disposal within the EC, the appropriate code according to the European Waste Catalogue (EWC) should be used. |
|--|--|

SECTION 14: Transport information

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14.1. UN number

| | |
|--|--|
| | The product is not classified as dangerous for carriage. |
|--|--|

14.2. UN proper shipping name

| | |
|--|--|
| | The product is not classified as dangerous for carriage. |
|--|--|

14.3. Transport hazard class(es)

| | |
|--|--|
| | The product is not classified as dangerous for carriage. |
|--|--|

14.4. Packing group

| | |
|--|--|
| | The product is not classified as dangerous for carriage. |
|--|--|

14.5. Environmental hazards

| | |
|--|--|
| | The product is not classified as dangerous for carriage. |
|--|--|

14.6. Special precautions for user

| | |
|--|--|
| | The product is not classified as dangerous for carriage. |
|--|--|

14.7. Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code

| | |
|--|--|
| | The product is not classified as dangerous for carriage. |
|--|--|

SECTION 15: Regulatory information

15.1. Safety, health and environmental regulations/legislation specific for the substance or mixture

| | |
|--------------------|--|
| Regulations | <p>COMMISSION REGULATION (EU) No 453/2010 of 20 May 2010 amending Regulation (EC) No 1907/2006 of the European Parliament and of the Council on the Registration, Evaluation, Authorisation and Restriction of Chemicals (REACH), establishing a European Chemicals Agency, amending Directive 1999/45/EC and repealing Council Regulation (EEC) No 793/93 and Commission Regulation (EC) No 1488/94 as well as Council Directive 76/769/EEC and Commission Directives 91/155/EEC, 93/67/EEC, 93/105/EC and 2000/21/EC.</p> <p>REGULATION (EC) No 1907/2006 OF THE EUROPEAN PARLIAMENT AND OF THE COUNCIL of 18 December 2006 concerning the Registration, Evaluation, Authorisation and Restriction of Chemicals (REACH), establishing a European Chemicals Agency, amending Directive 1999/45/EC and repealing Council Regulation (EEC) No 793/93 and Commission Regulation (EC) No 1488/94 as well as Council Directive 76/769/EEC and Commission Directives 91/155/EEC, 93/67/EEC, 93/105/EC and 2000/21/EC.</p> |
|--------------------|--|

15.2. Chemical safety assessment

| | |
|--|--------------------|
| | No data available. |
|--|--------------------|

SECTION 16: Other information

Other information

| | |
|-----------------|--|
| Revision | This document differs from the previous version in the following areas: 12 - Fish Toxicity. |
|-----------------|--|

Further information

| | |
|--|--|
| | The information supplied in this Safety Data Sheet is designed only as guidance for the safe use, storage and handling of the product. This information is correct to the best of our knowledge and belief at the date of publication however no guarantee is made to its accuracy. This information relates only to the specific material designated and may not be valid for such material used in combination with any other materials or in any other process. |
|--|--|