

Safety Data Sheet

Section 1: Identification

- **Product Name:** Indigo Carmine
 - **Product Code:** 5711
 - **Manufacturer/Supplier:** Total Lab Supplies Ltd
 - **Address:** 6 Ketterer Court, St Helens, WA9 3AH
 - **Phone Number:** 01744 455 000
 - **Emergency Telephone Number:** 01744 455 000 in office hours. 111 outside office hours.
-

Section 2: Hazard(s) Identification

- **Classification:** Not hazardous
 - **GHS Signal Word:** Not applicable
 - **Hazard Statements:**
 - Not applicable
 - **Precautionary Statements:**
 - Not applicable
-

Section 3: Composition/Information on Ingredients

- **Chemical Name:** Indigo Carmine
 - **CAS Number:** Indigo Carmine – 860-22-0
 - **Concentration:** Indigo Carmine – 100%
-

Section 4: First-Aid Measures

- **Inhalation:** Remove to fresh air and keep at rest. If not breathing, give artificial respiration. Consult a physician.
 - **Skin Contact:** Wash off with soap and plenty of water. Consult a physician if irritation persists.
 - **Eye Contact:** Flush eyes with water as a precaution. Remove contact lenses, if present and easy to do. Continue rinsing.
 - **Ingestion:** Do NOT induce vomiting. Never give anything by mouth to an unconscious person. Call a physician or poison control centre immediately.
-

Section 5: Fire-Fighting Measures

- **Suitable Extinguishing Media:** Water spray, Carbon dioxide or dry chemical powder, Alcohol or polymer foam.
 - **Specific Hazards:** Nothing specified
 - **Special Protective Equipment and Precautions for Firefighters:** Wear protective clothing and breathing apparatus
-

Section 6: Accidental Release Measures

- **Personal Precautions:** Avoid breathing dust-wear respiratory protective equipment
 - **Environmental Precautions:** Do not discharge into drains or rivers
 - **Methods for Containment and Clean-Up:** Absorb into dry earth or sand. Transfer to a closable, labelled salvage container for disposal
-

Section 7: Handling and Storage

- **Handling:** Ensure there is sufficient ventilation of the area
 - **Storage:** Well ventilated, cool, dry storage
-

Section 8: Exposure Controls/Personal Protection

- **Exposure Controls:** Not applicable
 - **Exposure Limits:**
 - Not applicable
 - **Personal Protective Equipment:**
 - **Respiratory Protection:** In case of inadequate ventilation or potential exposure to high concentrations of vapour or mist, wear appropriate respiratory protection equipment such as NIOSH-approved supplied-air respirators.
 - **Eye Protection:** Wear chemical splash goggles or safety glasses with side shields to protect against potential eye contact.
 - **Skin Protection:** Wear chemical-resistant gloves (e.g., nitrile or neoprene) to prevent skin contact. Ensure gloves are selected based on the specific task and duration of contact. Wear suitable protective clothing, such as lab coats or chemical-resistant aprons, to prevent skin exposure.
-

Section 9: Physical and Chemical Properties

- **Physical State:** Powder
- **Colour:** Blue
- **Odour:** Odourless

- **pH:** 4-7
 - **Boiling Point:** Not available
 - **Melting Point:** Not available
 - **Flash Point:** Not available
 - **Solubility in Water:** Not available
 - **Density:** Not available
 - **Viscosity:** Not available
 - **Vapour Pressure:** Not available
 - **Partition Coefficient (n-octanol/water):** Not available
 - **Auto-Ignition Temperature:** Not available
 - **Flammability Limits:** Not available
-

Section 10: Stability and Reactivity

- **Stability:** Stable under normal conditions
 - **Conditions to Avoid:** No specific conditions
 - **Incompatible Materials:** Strong oxidising agents. Reducing agents
-

Section 11: Toxicological Information

- **Acute Toxicity:** Oral Rat 2g/kg
 - **Skin Corrosion/Irritation:** Presents no significant health hazard by skin contact
 - **Eye Damage/Irritation:** Presents no significant health hazard to the eyes
 - **Sensitization:** Not available
 - **Chronic Effects:** Not available
 - **Target Organ Effects:** Not available
 - **Carcinogenicity:** Not available
 - **Mutagenicity:** Not available
 - **Teratogenicity and Reproductive Toxicity:** Not available
-

Section 12: Ecological Information

- **Environmental Fate:** Soluble in water
 - **Persistence and Degradability:** Biodegradable
 - **Bioaccumulative Potential:** No bioaccumulation potential
 - **Ecotoxicity:** Negligible Eco toxicity
 - **Environmental Hazards:** No data available
-

Section 13: Disposal Considerations

- **Disposal Methods:** Dispose of in accordance with local regulations. Do not discharge into drains or the environment.
-

Section 14: Transport Information

- **UN Number:** NR
 - **Shipping Name:** NR
 - **Transport Hazard Class:** NR
 - **Packing Group:** NR
-

Section 15: Regulatory Information

- **UK Regulations:** Control of Substances Hazardous to Health Regulations (COSHH) 2002
-

Section 16: Other Information

- **Created date:** 26/07/2024
- **Date last reviewed:** 26/07/2024
- **Version:** 1.00
- **Disclaimer:** The information provided in this Safety Data Sheet is based on the current state of knowledge and regulations. It is not intended to be all-inclusive or to replace the user's judgment.