

Safety Data Sheet

Section 1: Identification

- **Product Name:** Sodium Alginate
 - **Product Code:** 5710
 - **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:** Sodium Alginate
 - **CAS Number:** Sodium Alginate – 9005-38-3
 - **Concentration:** Sodium Alginate – 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, alcohol resistant foam, dry powder or carbon dioxide.
 - **Specific Hazards:** Forms explosive dust clouds.
 - **Special Protective Equipment and Precautions for Firefighters:** Wear protective clothing and breathing apparatus
-

Section 6: Accidental Release Measures

- **Personal Precautions:** Presents no major hazards.
 - **Environmental Precautions:** Presents no major environmental hazard.
 - **Methods for Containment and Clean-Up:** Wash area down with copious amounts of water.
-

Section 7: Handling and Storage

- **Handling:** Avoid contact with skin and eyes. Do not breathe dust. Do not allow to contaminate clothing. Ensure local exhaust ventilation.
 - **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:** White to tan
- **Odour:** No specific odour

- **pH:** 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
-

Section 11: Toxicological Information

- **Acute Toxicity:** No acute toxicity information is available for this product
 - **Skin Corrosion/Irritation:** May be irritating to skin
 - **Eye Damage/Irritation:** May be irritating to 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:** Not available
 - **Persistence and Degradability:** Not available
 - **Bioaccumulative Potential:** Not available
 - **Ecotoxicity:** Not available
 - **Environmental Hazards:** Not 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.