TUSI HAYTHAM BIO LIMITED
Chemistry for a Greener Planet

# Technical Data Sheet

Date 23.10.2025 Version: thbl-01

**HYTHAMEX™ Series – Hythamex Wash**

**DETERGENT FOR GARMENTS WASHING (POWDER)**

**Manufacturer: Tusi Haytham Bio Limited**

---

**Product Description:**
**Hythamex Wash is a high-efficiency powder detergent specially formulated for garment washing processes. It delivers excellent cleaning and emulsifying performance, effectively removing dirt, oils, and stains from natural and synthetic fibers.**
**Hythamex Wash is designed to work in both domestic and industrial washing machines, providing thorough cleaning with minimal residue.**

---

**Key Performance Properties:**

- **Strong detergency and soil removal.**
- **Effective emulsification of oils and waxes.**
- **Compatible with a broad pH range (neutral to alkaline).**
- **Suitable for use in water of varying hardness.**
- **Biodegradable and eco-friendly formulation.**
- **Low residue and easy rinsing.**

---

**Typical Properties:**

| Property | Specification |
|---|---|
| Appearance | White to off-white powder |
| pH (1% solution at 25 °C) | 9.5 ± 0.5 |
| Solubility | Readily soluble in water |
| Foam Character | Moderate foaming |
| Bulk Density | Approx. 0.6 – 0.8 g/cm³ |

---

**Application:**

**Hythamex Wash is suitable for washing garments in industrial washing machines or domestic use.**

- **Dosage: 5 – 15 g/L depending on soil level and washing conditions.**

- **Adjust dosage according to water hardness and washing cycle.**

---

**Precautions:**

- **Avoid inhalation of powder dust.**
- **Keep out of reach of children.**
- **Store in a dry, cool place in a tightly sealed container.**
- **Avoid contact with eyes and prolonged skin exposure.**

---

**Packing Size:**

**Hythamex Wash is supplied in 10 kg, 25 kg, and 50 kg bags.**

---

**Storage:**

- **Store in a cool, dry place away from moisture and direct sunlight.**
- **Shelf life: 12 months when stored in original packaging.**

---

**Issued by:**
**Tusi Haytham Bio Limited – Technical Division**
**Product: HYTHAMEX™ Series – Hythamex Wash**
**Category: Detergent for Garments Washing (Powder)**