TUSI HAYTHAM BIO LIMITED
Chemistry for a Greener Planet

Technical Data Sheet

Date 23.10.2025 Version: thbl-01

HYTHAMEX™ Series – Hythamex OR

OIL REMOVER

Manufacturer: Tusi Haytham Bio Limited

Product Description:

Hythamex OR is a powerful oil remover designed for effective degreasing and cleaning of natural and synthetic fibers during pretreatment processes.
It efficiently breaks down and removes oils, waxes, and greasy impurities from fabrics, improving absorbency and preparing textiles for subsequent dyeing and finishing operations.
Suitable for use in both batch and continuous scouring processes, Hythamex OR delivers reliable performance under a wide range of pH and temperature conditions.

Key Performance Properties:

- **Excellent degreasing and oil emulsification.**
- **Effective in both acidic and alkaline conditions.**
- **Stable at high temperature and in hard water.**
- **Enhances fabric wettability and dye penetration.**
- **Compatible with various surfactants and auxiliaries.**
- **Biodegradable and environmentally friendly.**

Typical Properties:

Property	Specification
Appearance	Light yellow clear liquid
pH (25 °C)	7 ± 1
Ionic Nature	Nonionic / Anionic blend
Water Miscibility	Completely soluble in water
Foam Character	Low to moderate foam
Stability	Stable in acid, alkali, and hard water conditions

Application:

Hythamex OR can be used in exhaust and continuous scouring processes.

- **Dosage: 1.0 – 3.0 g/L depending on oil level and fabric type.**
- **Adjust concentration based on process requirements and equipment.**

Precautions:

- **Avoid direct contact with strong oxidizers.**
- **If foam appears excessive, add suitable defoamer.**
- **Store in tightly closed containers to prevent contamination.**

Packing Size:

Hythamex OR is available in 60 kg and 120 kg closed-mouth HDPE drums.

Storage:

- **Maximum storage and transport temperature: 40 °C.**
- **Store in a cool, dry, and ventilated area away from direct sunlight.**
- **Shelf life: 6 months in original sealed container.**
- **The “Best use before end” date is printed on the product label.**

Issued by:
Tusi Haytham Bio Limited – Technical Division
Product: HYTHAMEX™ Series – Hythamex OR
Category: Oil Remover