



TECHNICAL DATA SHEET

ASHAION® 9780 Deoiler

Product Code: 9780

Category: Cationic Reverse Demulsifier & Deoiling Agent

Manufacturer: Asha Resins Limited

Product Description

ASHAION® 9780 Deoiler is a high-performance cationic reverse demulsifier and deoiling agent designed with dual-function capability. It not only breaks oil-water emulsions effectively but also serves as a reliable filter aid in systems where conventional filtration methods fall short.

This product is suitable for a wide range of solid-liquid separation applications, including:

- Oil-water emulsion treatment
- Antibiotic production
- Low-turbidity water clarification

Its versatile performance makes it a standalone solution in many industrial processes.

Typical Properties

Property	Specification
Appearance	Clear to pale yellow free-flowing liquid
Solubility	Fully water soluble
Specific Gravity	1.02 – 1.06
pH (neat)	6.0 – 7.5
Flash Point	≥ 50°C

Recommended Dosage

Application | Dosage Range

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Deoiling Agent | 0.5 ppm – 10 ppm

Filtration Aid | 0.3 ppm – 0.5 ppm

Note: Optimal dosage depends on system conditions. Conduct jar tests or consult technical support for tailored recommendations.

Feeding Method

For best performance, dose at the system inlet using a metering pump to ensure accurate and uniform distribution.

Application Guidelines

- Pre-treatment: Clean system of residual deposits before application.
- Monitoring: Regularly monitor pH, solid content, and emulsion stability.
- Compatibility: Compatible with most process chemicals, but pre-testing is advised in complex systems.

Handling & Safety

Avoid direct eye and prolonged skin contact. In case of contact, flush with water and seek medical attention if irritation persists. Refer to the SDS for complete safety instructions.

Packing

- 50-liter HDPE carboys
- 200-liter HDPE drums

For customized packing solutions, contact our sales team.

Storage & Shelf Life

Store in a cool, dry place away from sunlight and incompatible substances. Keep containers tightly sealed. Shelf Life: 12 months from date of manufacture in original, unopened packaging.

Regulatory Compliance

ASHAION® 9780 Deoiler conforms to applicable industry regulations for use in:

- Water and wastewater treatment
- Oil & gas industry
- Pharmaceutical and bioprocessing applications

Environmental Impact

The product is designed to have low toxicity to aquatic life. Disposal must comply with local environmental regulations.

Technical Support

Our team offers:

- Dosage optimization support
- On-site evaluation
- System-specific application advice

Contact techsupport@asharesins.com or your local Asha Resins representative.

Asha Resins Limited

Empowering Water Treatment Since 1996

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