

PCA-202
Anti-foaming Agent

General Description

PCA-202 is a highly effective, non-silicone, polymer-based anti-foaming agent designed for rapid foam knockdown and long-lasting foam control in a wide range of aqueous industrial processes. Its unique polymeric structure provides excellent compatibility and dispersibility, minimizing surface defects and improving process efficiency.

Key Features & Benefits

- Excellent and rapid foam knockdown
- Long-lasting foam control
- Non-silicone formulation
- Broad compatibility in aqueous systems
- Good shear stability
- Minimal impact on downstream processes
- Environmentally friendly

Physical and Chemical Properties

Property	Value
Appearance	Clear liquid
Solubility	Soluble in organic solvents
Specific Gravity (@25°C)	0.94 +/- 0.05

Applications

- Pulp and Paper Manufacturing
- Textile Processing
- Adhesive Production
- Paint and Coating Manufacturing
- Wastewater Treatment
- Metalworking Fluids
- Agricultural Formulations
- Chemical Processing

Usage Recommendations

The optimal dosage of PCA-202 will vary depending on the specific application, foaming tendency of the system, and process conditions. It is recommended to start with a low dosage (0.1 – 0.5 %) and gradually increase until the desired level of foam control is achieved. The product can be added directly to the foaming system or pre-diluted with water for better dispersion. Thorough mixing is recommended to ensure uniform distribution.

Storage and Handling

- **Storage Conditions:** Store in a cool, dry place away from direct sunlight.
- **Shelf Life:** 12 months from the manufacturing date when stored properly.

Address: No. 60 Golfam Street, Unit 37
Nelson Mandela Blvd., Tehran, IRAN
Phone: +9821 2202 4214
Email: info@omidpouyanfarda.com

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- **Handling Precautions:** Avoid contact with skin and eyes. Use personal protective equipment during handling.

Regulatory Compliance

The product is compliant with international regulations for use in industrial formulations. Consult your local regulatory body for specific compliance details.

Packaging

Available in:

- 4 lit plastic containers
- 20 lit drums
- 200 kg barrels

For further technical support or safety data, please contact:

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