

Nanjing Invelychem

**Defoamer
Manufacturer**

Serving global market with
our profession

www.ywlchemical.com





Foam Control Solution

About Us

Nanjing Invelychem | Since 2010

At Nanjing Invelychem, we are dedicated to advanced defoamer research, delivering not only premium-quality antifoam products but also customized solutions to tackle your foam control needs. Our products serve a wide range of industries, including papermaking, textiles, paints and coatings, fermentation, detergents, water treatment, and oil & gas, and so on. With over a decade of expertise, we streamline your operations by resolving foam challenges efficiently.

Our philosophy is simple: we produce market-leading products, backed by an exceptional technical sales and customer support team.



PRODUCT OVERVIEW

Silicone Defoamer



Special Features of Silicone Defoamer:

- Fast defoaming and amazing foam
- suppression performance
- Can be added directly or diluted with water
- Wide Range of Application

Polyether Defoamer



- Waste Water Treatment
- Fermentation
- Pharmaceuticals
- Papermaking
- Construction & Building

Fatty Alcohol Defoamer



- Mainly used in the paper industry
- Works well as deaerator
- Economic and efficient, without organic silicon

Mineral Oil defoamer



- Mainly used in the Paint & Coatings
- Prevention of Surface Defects
- Better Compatibility with Coating
- Formulations

Silicone Defoamer

Comprehensive silicone defoamer solutions for various industrial applications

INVINO-DEFOAMER	Solid Content (%)	Typical Applications	Key Features
INVINO-6830	30%	Pulp & Paper (Black Liquor System)	High alkali & high temperature resistance
INVINO-6930	30%	Pulp & Paper (Black Liquor System)	Excellent stability in harsh conditions
INVINO-7030D	30%	Molasses Alcohol Fermentation	Silicone-polyether blend with fast knockdown and long-lasting control
INVINO-920	30%	Agrochemicals	Excellent compatibility and stability in aqueous pesticide formulations
INVINO-8130	30%	Agrochemicals, Oil & Gas Separation	Optimized for SC formulations, stable without affecting suspension system
INVINO-620S	30%	Wastewater Treatment, General Industry	General-purpose silicone defoamer with broad applicability
INVINO-830	30%	Agrochemicals	Excellent compatibility and stability in aqueous pesticide formulations
INVINO-2430	30%	Wastewater Treatment, Oil Drilling	Strong adaptability, suitable for complex systems
INVINO-5023	30%	Wastewater Treatment, Oil Drilling Fluids, Industrial Cleaning	General-purpose, suitable for various industrial systems
INVINO-6200	30%	Textile Processing (High-Temperature Overflow Dyeing)	Stable performance under high temperature, suitable for overflow systems
INVINO-370	30%	Agrochemicals	Good compatibility for general pesticide formulations
INVINO-M780	30%	Metalworking Fluids (Cutting Fluids)	High efficiency defoaming, suitable for complex systems
INVINO-M602	30%	Metalworking Fluids (Cutting Fluids)	Stable performance for general cutting fluid applications
INVINO-820C	30%	Natural Gas Sweetening (Amine Gas Treating Systems)	Effective foam control without affecting absorption efficiency

Note:

- Silicone emulsion products are dilutable and can be supplied at various solid contents up to 50%.
- Proper dilution is recommended under our technical guidance to maintain product performance and stability.

Fatty Alcohol-Based Defoamer Solutions for Paper Wet End

Effective foam control for wet-end white water systems under different operating temperatures

Product	Type	Solid Content (%)	Temp. Range	Typical Applications	Key Features
INVINO-5045	Fatty Alcohol Emulsion	30%	40–50°C	Wet-End White Water Systems	Fast deaeration, effective foam control
INVINO-5060	Fatty Alcohol Emulsion	30%	45–60°C	Wet-End White Water Systems	Stable performance at higher temperature, long-lasting control
INVINO-5035	Fatty Alcohol Emulsion	30%	—	General Wet-End Papermaking	Good compatibility, cost-effective solution

Note:

- Customized solid content is available upon request.

Standard Packaging:

- Available in 200 kg plastic drums and 1000 kg IBC containers

Mineral Oil-Based Defoamer for Coatings & Paints

High-efficiency defoamers for waterborne coatings, inks, and high-PVC systems

Product	Type	Solid Content (%)	Typical Applications	Key Features	Reference Products
INVINO-3100	Mineral Oil	99%	High gloss coatings, latex paints	Strong defoaming, suitable for high gloss systems	Similar to FOAMSTAR ST 2410
INVINO-3000	Mineral Oil	99%	Architectural coatings	Good balance between defoaming and cost	Similar to Nopco NXZ
INVINO-3200	Mineral Oil	99%	Industrial and waterborne coatings	Excellent compatibility, suitable for demanding systems	Similar to FOAMASTER MO 2190
INVINO-3001	Mineral Oil	99%	Architectural coatings, general use	Cost-effective solution for standard systems	—

Selection Guide:

- High gloss systems → INVINO-3100
- High compatibility required → INVINO-3200
- Architectural coatings → INVINO-3000 / 3001

Note:

- Mineral oil-based defoamers are supplied ready for use and are not recommended for dilution.

Standard Packaging:

- 25 kg / 180 kg plastic drums and 850 kg IBC containers.

Polyether Defoamer

Efficient foam control solutions for aqueous industrial systems, including papermaking, fermentation, and phosphoric acid processes

Product	Type	Typical Applications	Key Features
INVINO-8061	Modified Polyether	Papermaking (wet-end), Concrete admixtures	Fast defoaming, cost-effective
INVINO-8062	Modified Polyether	Papermaking, Concrete admixtures	Fast defoaming, cost-effective
INVINO-8072	Modified Polyether	Papermaking (wet-end)	Fast defoaming, stable performance
INVINO-8081	Compound Polyether	Paper sizing, Fermentation, Sugar processing	Strong foam suppression in complex systems
INVINO-8082	Compound Polyether	Fermentation, Sugar processing	Strong foam suppression in complex systems
INVINO-4000B	Compound Polyether	Fermentation, Wastewater treatment	Strong adaptability in complex systems
INVINO-103B	High Performance Polyether	Industrial fermentation	Excellent persistence in fermentation
INVINO-104	High Performance Polyether	Industrial fermentation	Excellent persistence in fermentation

Note:

Polyether-based defoamers are supplied ready for use and are not recommended for dilution, as dilution may affect product performance and stability.

Standard Packaging:

Available in 200 kg plastic drums and 1000 kg IBC containers

Defoamer for Phosphoric Acid

Specially designed for foam control in wet-process phosphoric acid production

Product	Process	Key Features
INVINO-P9502	DH Process (Dihydrate)	Excellent foam control, stable under acidic conditions
INVINO-P960	HH / HDH Process	High efficiency under high temperature and high solid systems
INVINO-P970	HH / HDH Process	Strong persistence in harsh phosphoric acid conditions

Note:

Suitable for wet-process phosphoric acid systems under high temperature and high solid conditions.

INVINO-P9502 and INVINO-P970 are dilutable and should be diluted under our technical guidance to ensure optimal performance.

INVINO-P960 is supplied ready for use and dilution is not recommended.

Application:

Can be dosed continuously or intermittently in the reaction tank or circulation system.

Selection Guide:

- DH process → INVINO-P9502

HH / HDH process → INVINO-P960 / P970

Standard Packaging:

Available in 200 kg plastic drums and 1000 kg IBC containers