

Supplier - SMART OIL  
**FoamQuer 9968**  
*Concentrate & Tankside Additive*  
*High Performance Water-Based Defoamers*

### Typical Properties

Appearance	Milky White Liquid
SG@25°C	0.950 - 1.050
Viscosity@25°C, cp	1500 - 3000
Non-Volatile Content, %	> 70
pH Value (50% Water Dilution)	8.0 - 9.5

### Product Description

**FOAMQUER 9968** is a compound of modified-siloxane emulsion containing highly concentrated components with optimal hydrophobic and hydrophilic balance; which accommodates the otherwise contradicting targets of the defoaming performance and system compatibility. The product is suitable for various industrial fluids such as cleaners, cutting fluids, and for the application in paint spray booths.

**FOAMQUER 9968** possesses defoamer characteristics of low surface tension with high spreading coefficient; right droplets size to rupture the foam cell lamellas; which results in swift foam collapse.

**FOAMQUER 9968** is significantly cost-effective when compared to traditional PDMS-based or siloxane polyether-based defoamers. Apart from the fast foam knock-down characteristic, it possesses good washing property against the wetting defects of craters or fisheyes formation on the surface of the workpiece, so it is suitable for secondary processing like paint spray. By virtue of its unique molecular structure, the product is readily dispersible in water dilutable systems to maintain a clear system. It is not prone to self-agglomeration during usage and storage, so can ensure the passage in the system pipes.

**FOAMQUER 9968** can be used in systems with pH higher than 12, and also with good performance in high-shear machining conditions.

**FOAMQUER 9968** can also be used as tankside additive in water dilutable systems.

### Recommended Starting Dosage Level

The recommended dosage range is 0.1-0.5%, or 1000-5000 ppm for system concentrates. However, the optimal dosage depends on system formulations. For tank-side addition, recommended starting dosage is 0.005% or 50ppm.

### Storage and Use Condition

- Always mix thoroughly before use, as phase separation will occur after long storage time;
- Storage under normal temperature up to 60°C;
- Should be placed in closed container within shaded and ventilated area; do not expose to direct sunlight, and away from heat sources.

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