

### Typical Properties

Appearance	Non-Transparent Milky White Liquid
Density, kg/m <sup>3</sup>	0.950 - 1.050
Viscosity@25°C, cP	500 - 4000
Non-Volatile Content, %	> 85
pH Value (50% Water Dilution)	7.0 - 9.0
Std Packaging (NW / GW, Kg)	222.0 / 232.0

### Product Description

**FOAMQUER 8612** is a compound of modified-siloxane emulsion containing highly non-volatile components with optimal of hydrophobic and hydrophilic balance; unique package enables it perform well in the concentrates of various industrial fluids such as cleaners and cutting fluids, also for applications in paint spray booths.

**FOAMQUER 8612** 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 8612** is significantly cost-effective when compared to traditional PDMS based or siloxane polyether based defoamers. The package possesses fast foam knock-down characteristic, and have good washability that can eliminate possible silicon residue left in the workpiece after machining.

**FOAMQUER 8612** can also be used as tankside additive in water dilutable systems.

#### **Recommended Starting Dosage Level:**

The recommended dosage range is 0.05-0.2%, or 500-2000 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, ventilated area; do not expose to direct sunlight, and away from heat sources.

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