

## AMP-14 Silicone Antifoam Compound

### Description

AMP-14 silicone antifoam compound is a translucent, soft, gel-like, alkaline-resistant and extremely efficient antifoam compound that is an excellent candidate to consider to control foam in the brown stock washing lines of pulp mills. It possesses outstanding durability, typically exhibiting persistent foam control over long periods of time at very low dosage levels.

### Key Features and Typical Benefits

- 100% silicone compound
- Outstanding persistence (durability) and good knockdown at low add-on levels
- Highly efficient at low dosage
- Effective across a wide pH range at a high temperature
- Effective across a broad set of process conditions

### Typical Physical Properties

Property	Typical Value
Appearance	White solid
Density	-1.00
Actives Content, %	100%
Viscosity (25 °C), mPas	>1,000,000

## Potential Applications

When suitably emulsified, AMP-14 silicone antifoam compound is an excellent candidate to consider to control foam and improve drainage in various pulp mill processes such as:

- Brown stock washing
- Screening
- Bleaching
- Waste water treatment

## General Considerations for Use

AMP-14 silicone antifoam compound is too viscous to be pumped, but, by simply inverting the drums, the material can be cleanly transferred into a reactor.

Depending upon the type and duration of mixing, it is possible to attain a viscosity below 100,000 cSt.

Momentive can offer guidance on selecting best practices to best emulsify AMP-14 silicone antifoam compound, both in terms of the equipment needed as well as the optimum formulation, in order to maximize foam control and result in effective drainage on the filters.

## Patent Status

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**Limitations**

Customers must evaluate Momentive Performance Materials products and make their own determination as to fitness of use in their particular applications.

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