



## Silicone defoamer

### Description

AF Silicon is a general-purpose silicone based defoamer for use in the food, beverage, dairy and cosmetic industries.

### Key properties

- AF Silicon is a concentrated silicone based additive specifically designed to counter-act excessive foaming generated as a result of interactions between alkaline detergents and soil. It is suitable for use in a wide range of applications including bottling and CIP and is effective over a wide temperature range.
- AF Silicon can be used on food contact surfaces and complies with EC regulations. AF Silicon can also be used for:
  - Preform treatment: pre-treatment of preforms within the PET bottle-production. It will be applied directly onto the preforms right at the beginning of blowmoulding machines. The product cares for free rotation of moulded bottles to ensure seizing free transportation.
  - The product is sprayed on to PET bottles so the sleeve labels better slip over the bottle right after the filling process.
- All ingredients in AF Silicon are food additives. All ingredients are selected from the list of approved direct food additives ("E" numbered) as listed in 1333/2008/EC.
- AF Silicon complies with the requirements of 10/2011/EC as an additive or polymer production aid.

### Benefits

- Effective foam control
- Suitable for use on food contact surfaces
- Liquid product can be used manually or auto-dosed

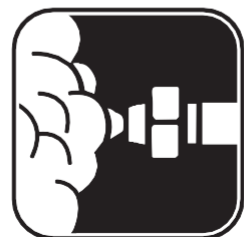
### Use instructions

Use AF Silicon at concentrations between 0.005 and 0.02% depending on the degree of foaming. For specific details please refer to individual method cards.

PET bottles: Use AF Silicon as concentrate as delivered in small quantities by using an automatic dosing device.



Foam control products (Q5)  
(Registration: 139313)





## **F&B AF Silicon**

# VB1

### **Technical data**

Appearance: Milky whiteliquid

pH (1% solution at 20°C): 4.5

Relative density (20°C): 1

Chemical Oxygen Demand (COD): 200 gO<sub>2</sub>/kg

Nitrogen Content (N): None

Phosphorous Content (P): None

*The above data is typical of normal production and should not be taken as a specification.*

### **Safe handling and storage information**

Store in original closed containers, away from sunlight and extremes of temperatures. Full guidance on the handling and disposal of this product is provided in a separate Safety Data Sheet.

### **Product compatibility**

AF Silicon when applied at the recommended concentration and temperature is safe for use on materials commonly found in the processed food industry. In the event of uncertainty it is advisable to evaluate individual materials before any prolonged use.

### **Test method**

Not applicable.

### **Available pack sizes**

Article code & pack size

7509224- 20 L