Technical Data Sheet

AF9020E

AF9020E

Description

AF9020E is a 20% antifoam emulsion of polydimethylsiloxane useful for defoaming aqueous systems. AF9020E may be used in both industrial and food grade applications.

Key Features and Benefits

- Easy dispersibility
- Dilutable with water
- Excellent foam control

Typical Physical Properties

Property	Value
Appearance	White
Silicone Solids (active)	20%
Specific Gravity	1.01
Viscosity	3000 cps
Emulsifier Type	Nonionic
Diluent	Water

Potential Applications

Food	Industrial
Fruit and vegetable processing	Carpet cleaning
Jam and jelly making	Pesticide/herbicide formulations
Wine production	Chemical distillations
Fermentation processes	Waste water treatment

Processing Recommendations

The amount of antifoam required will be dependent upon the application, however, it is recommended that evaluations begin at 10 ppm of active silicone. While there is no limit to the silicone concentration that may be used in industrial applications, in food grade applications the silicone concentration must not exceed 10 ppm (consult applicable FDA regulations for conditions or limitations of use).

The concentrations of AF9020E required to achieve a silicone level of 10 ppm are listed below:

Foaming Solution Volume (gallons)	AF9020 Concentration (ounces)
500	**3.3**
1000	**6.7**
3000	**20.1**

* Not for injection into humans

Specifications

REGULATORY STATUS

FDA

AF9020E may be used in food contact applications where FDA regulations apply. Consult Momentive Performance Materials publication #4256 for applicable regulations for specific limitations and conditions of use.

Kosher Certification

AF9020E is certified to be Kosher and Parve.

USDA

AF9020E may be used on equipment which may contact edible products in official establishments operating under the Federal Meat and Poultry Products Inspection Program. See reference #4256 of specific details.

EPA Pesticide Chemical Regulations

The ingredients in AF9020E are exempt from the requirement of a tolerance under EPA regulation 40 CFR 180.1001 (d) {growing crops only}.

Availability
AF9020E may be ordered from the Momentive Performance Materials sales office nearest you, or an authorized Momentive Performance Materials product distributor.

Patent Status
Standard copy to come

Product Safety, Handling and Storage
Standard copy to come

Limitations
Standard copy to come

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