

## Antifoam OR-10

### Antifoam OR-10

#### Description

Antifoam OR-10 is a 10% antifoam product to be considered for use as a potentially cost effective defoamer for agricultural applications. It is listed by the Organic Materials Review Institute (OMRI) for use in organic production. The components in Antifoam OR-10 meet the requirements of U.S. EPA regulation 40 CFR 180.910, and are therefore exempt from tolerances in food when used as an inert ingredient in agricultural applications in accordance with the other conditions of that regulation.

#### Key Features and Benefits

This 10% antifoam emulsion can be effectively used with most surfactants in aqueous formulations, over a broad pH range. It can be particularly effective with nonionic surfactants. Antifoam OR-10 can be used as received, or after dilution with water or other suitable process liquids.

- OMRI Listed.
- Defoaming agent for processing foods (21 CFR 173.340)<sup>(1)</sup>
- Developed for aqueous systems
- Effective in most surfactants, especially nonionics
- Useful over a broad pH formulation range
- Can be effective in most surfactants

(1) Compositionally compliant with 21 CFR 173.340 and for use as a defoaming agent in processing foods in accordance with the conditions specified and limitations imposed by this regulation.

#### Typical Physical Properties

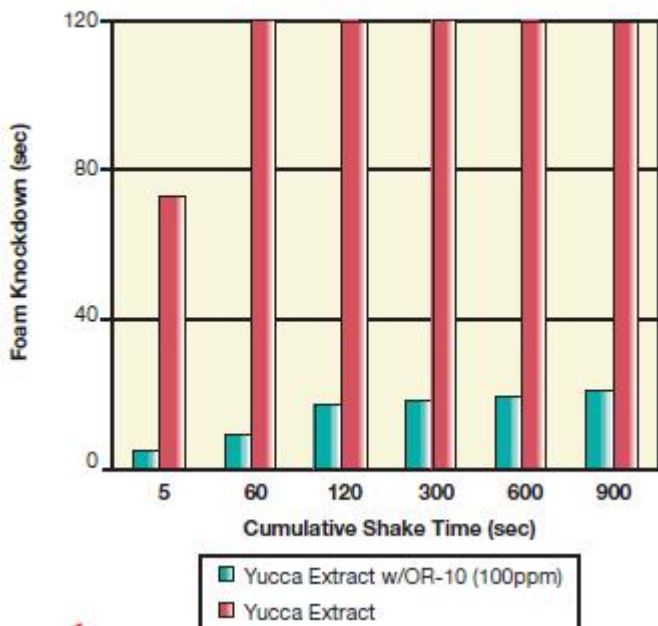
Appearance	Creamy white
Viscosity @ 25°C, cps	1000-2000
pH	4.0
Emulsifier Type	Nonionic
Suitable Diluent	Water
Shelf Life, (months)	24
Active Ingredient Content, %	10

Typical data are average data. The actual data may vary.

**Performance Data**

Antifoam OR-10 has been shown to provide outstanding foam control in a typical organic Yucca Extract Wetter. The figure below illustrates effective foam knockdown and durability performance as measured with a standard shake test. Suggested starting concentration for Antifoam OR-10 is 100 ppm.

**Foam Control of Yucca Extract Wetter (0.125%) with Antifoam OR-10**



Note: Test data. Actual results may vary.

**Patent Status**

Standard copy to come

**Product Safety, Handling and Storage**

Standard copy to come

**Limitations**

Standard copy to come

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