

Antifoam OR-10

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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)⁽¹⁾
- 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

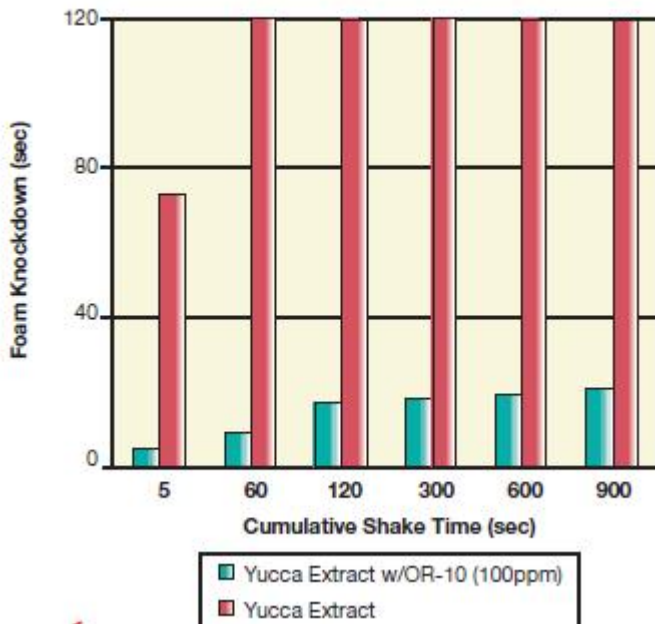
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|------------------------------|--------------|
| Appearance | Creamy white |
| Viscosity @ 25°C, cps | 1000-2000 |
| pH | 4.0 |
| Emulsifier Type | Nonionic |
| Suitable Diluent | Water |
| Shelf Life, (months) | 24 |
| Active Ingredient Content,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

Customers should review the latest Safety Data Sheet (SDS) and label for product safety information, safe handling instructions, personal protective equipment if necessary, emergency service contact information, and any special storage conditions required for safety. Momentive Performance Materials (MPM) maintains an around-the-clock emergency service for its products. SDS are available at www.momentive.com or, upon request, from any MPM representative. For product storage and handling procedures to maintain the product quality within our stated specifications, please review Certificates of Analysis, which are available in the Order Center. Use of other materials in conjunction with MPM products (for example, primers) may require additional precautions. Please review and follow the safety information provided by the manufacturer of such other materials.

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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