

## Esca™ Pro-M Antifoam

### Product Description

Esca Pro-M antifoam is a highly effective and enhanced antifoam emulsion. It is based on siloxane polymers and displays improved foam destroying properties compared with many other standard antifoams. Esca Pro-M antifoam is designed specifically for use in aqueous food processing applications.

### Typical Physical Properties

Appearance	Translucent grey viscous liquid
Specific Gravity at 25 °C	1.0
pH	3.5-4.5

Typical properties are average data and are not to be used as or to develop specifications.

### Storage and Shelf Life

The product should be stored below 32 °C. Some settling of the contents may occur with time, but the product can easily be reconstituted by simple stirring. Shelf life of the unopened container is 12 months from date of manufacture.

### Potential Applications

Esca Pro-M antifoam is a highly efficient product which shows improved economy of use when added to the foaming medium in a controlled and accurate manner. It offers outstanding all-around performance in many cooking, processing, and preparation applications throughout the food industry. It is also extremely effective in many brewing and fermentation applications. Esca Pro-M antifoam is recommended for applications where foam control is critical.

### General Considerations for Use

Esca Pro-M antifoam may be added to the foaming system as supplied or when pre-diluted with either water or a portion of the foaming medium itself to aid dispersion. For optimum performance, it is recommended that Esca Pro-M antifoam is added via a metering device or similar controlled addition method. As a general rule, Esca Pro-M antifoam will be effective at levels below 30 ppm in most food processing applications. In brewing applications, the antifoam is removed at the filtration stage and will have no detrimental effect on head retention.

### Compliance

Basildon Chemical Co. Ltd. (a Momentive Group Company) operates a HACCP certified quality and product manufacturing system. Our certificate can be downloaded from our website.

Esca Pro-M antifoam has been formulated for use in a variety of indirect food applications as a processing aid. The product components comply with one or more sub-parts of the following FDA CFR title 21 parts; 172,173,175,176,177,178,182 & 184. All of the components are considered to be suitable for most food processing applications provided that the specified concentrations limits in the title 21 subparts are adhered to. CAS Component lists are available.

Sulphite preservative is used to give optimum protection of the product and head space.

Esca Pro-M antifoam is certified Kosher Parev by the Manchester Beth Din and is approved by the Halal Food Authority.

### Toxicity

The components of Esca Pro-M antifoam have a very low order of toxicity although prolonged contact with the skin or contact with the eyes may cause some irritation. See our antifoam health and safety sheet for more information.

### Technical Service

Our technical and sales staff have considerable experience of the use of silicone products in a very wide variety of industries and the benefit of this experience is freely available to all our customers.

### Patent Status

Nothing contained herein shall be construed to imply the nonexistence of any relevant patents or to constitute the permission, inducement, or recommendation to practice any invention covered by any patent without authority from the owner of the patent.

### 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](http://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.



## Customer Service Centers

For additional information, please contact our Customer Service Team

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