

# Antifoams and antifoam emulsions



# Choose the right antifoam or emulsion for your formulations

To assure consistent quality for use as pharmaceutical ingredients, antifoam products are manufactured, packaged and tested utilizing principles of GMP guidelines for Active Pharmaceutical Ingredients (APIs).

## Regulatory Status

GMP Produced per ICH Q7 Principles
Ph. Eur. (EP) Monograph for Simeticonium
USP Monograph Requirements for Simethicone Emulsion USP
USP Monograph Requirements for Simethicone USP
Certificate of Suitability/CEP
FDA Drug Master File
FDA Regulation 21 CFR 332.10 <sup>5</sup>
FDA Regulation 21 CFR 173.340 <sup>6</sup>

## Description

## Typical Applications

## Antifoams

Description	Typical Applications	Antifoams								
Mixture of a low-volatile polydimethylsiloxane fluid and silicon dioxide	<ul style="list-style-type: none"> <li>Foam control in medical and pharmaceutical applications</li> <li>OTC antifatulents</li> </ul>	Dow Corning™ Q7-2243 LVA, Simethicone USP	•	•	•	•	•	•	•	•
Mixture of polydimethylsiloxane (PDMS) fluid and silicon dioxide		Dow Corning™ Antifoam M Compound	•	•	•	•	•	•	•	•
Water-dilutable, nonionic emulsion containing 30% low-volatile Simethicone USP by weight	<ul style="list-style-type: none"> <li>Foam control in medical and pharmaceutical applications</li> <li>OTC antifatulents</li> </ul>	Dow Corning™ Q7-2587, 30% Simethicone Emulsion USP	•	•	•	•	•	•	•	•
Water-dilutable nonionic emulsion containing 30% Simethicone USP by weight	<ul style="list-style-type: none"> <li>Biofermentation</li> </ul>	Dow Corning™ Medical Antifoam C Emulsion	•	•	•	•	•	•	•	•
Water-dilutable emulsion containing 30% Simethicone USP by weight and methylcellulose		Dow Corning™ Medical Antifoam A Compound	•	•	•	•	•	•	•	•

<sup>1</sup> No Simethicone Emulsion monograph currently exists in the PhEur

<sup>2</sup> Proven historical use/registration on the European market (although no PhEur monograph exists)

<sup>3</sup> Viscosity measurement data depend on specific testing conditions (available upon request)

<sup>4</sup> Elemental impurities data available upon request

<sup>5</sup> Antifatulent active ingredients

<sup>6</sup> Defoaming agents







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