



# Liveo™ Q7-2587, 30% Simethicone Emulsion

## Silicone Antifoam

Liveo™ Q7-2587, 30% Simethicone Emulsion USP is a water-dilutable, non-ionic emulsion containing 30% Simethicone USP by weight.

Emulsified Simethicone compound has less than 2% low-molecular-weight volatile silicone species. Tested according to and complies with all United States Pharmacopeia (USP) requirements for Simethicone emulsion, It has a smooth consistency that allows the product to be poured or pumped

### Packaging :

Liveo™ Q7-2587, 30% Simethicone Emulsion USP is available in 18 and 200 kg containers, net weight.

### Product information

Colour	White -	
Basis	Simethicone USP, - stearate emulsifiers, sorbic acid, benzoic acid, thickeners and water	
Heavy metals content	≤5 ppm	
Polydimethylsiloxane content	28 - 32 %	PhEur 1470

### Rheological properties

Viscosity	31500 mPa.s
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### Specific Application Suitability

Defoaming performance, 50ppm	≤15 s	PhEur 1470
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### Other properties

pH	2.6
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### Storage and stability

Shelf life	36 months
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### Characteristics

Food contact	FDA 21 CFR
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### Additional Information

How to use	<b>Storage:</b>
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To be stored in original, unopened containers between 5 and 32°C. Avoid freezing. Freeze/thaw cycling may break emulsion.

### How to Use:

To ensure uniformity, Q7-2587, 30% Simethicone Emulsion USP should be stirred gently prior to removing from shipping containers.

### Diluting:

To obtain maximum efficiency, Q7-2587, 30% Simethicone Emulsion USP should be diluted before using. In diluting, add cool water slowly to the emulsion with continual low-shear mixing until a uniform liquid is attained. Use diluted Q7-2587, 30% Simethicone Emulsion USP within 8 hours for best results. If it is necessary to store the material for longer periods, stir frequently to maintain maximum defoaming efficiency.

### Concentration:

In general, concentrations of 1 to 50 ppm are sufficient to suppress foaming in most systems. A concentration within this range is suggested initially. Adjustments in concentration may be desirable to determine the appropriate level to use for any particular process or product.

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