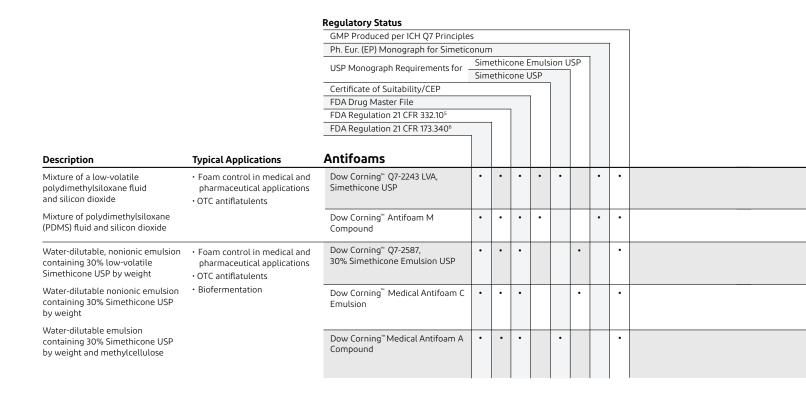


Antifoams and antifoam emulsions

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).



¹ No Simethicone Emulsion monograph currently exists in the PhEur

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

³ Viscosity measurement data depend on specific testing conditions (available upon request)

⁴ Elemental impurities data available upon request

⁵ Antiflatulent active ingredients

⁶ Defoaming agents



Typical Properties[†]

| Shelf I | Life | | | | | | | | | | | | | | | | |
|----------------------------------|---------------------------------|----------|---------------|-----|-------|-------|---------|-----|------------------|-----|--------|-----|----------------|-----|--------|-----|--------|
| Simeth | hicone Le | vel | | | | | | | | | | | | | | |] |
| Viscosity ³ | | | | | | | | | | | | | | | | | |
| Based on Vegetable Surfactant | | | | | | | | | | | | | | | | | |
| Appearance | | | | | | | | | | | | | | | | | |
| Halal Certified | | | | | | | | | | | | | | | | | |
| Koshe | r Certified | l | | | | _ | | | | | | | | | | | |
| Proces | ssing Aid | | | | | | | | | | | | | | | | |
| Pharm | nacopoeia | l Grade | | | | | | | _ | | | | | | | | |
| рН | | | | | | | | | | | | | | | | | |
| Silicon Dioxide Content | | | | | | | | | | | | | | | | | |
| Nonvolatile Content | | | | | | | | | | | | | | | | | |
| | olatility | | | | | | | | | | | | | | | | |
| Heavy Metal Content ⁴ | | | | | | | | | | | | | | | | | |
| Defoaming Performance | | | | | | | | | | | | | | | | | |
| | Content | | | | | | | | | | | | | | | | |
| API | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | |
| | | % | seconds | ppm | w/w % | w/w % | % | | | | | | | | cР | % | months |
| | Yes | 90.5-99 | <15 | <5 | <1.0 | | 4-7 | | USP/ | Yes | Yes | Yes | Light | N/A | 570 | 100 | 24 |
| | (PhEur) | | 20 ppm | | | | | | PhEur | | | | grey | | | | |
| | | | | | | | | | | | | | liquid | | | | |
| | Yes | 90.5-99 | <15 | <5 | <1.0 | | 4-7 | | PhEur | Yes | Yes | No | Light | N/A | 3,100 | 100 | 18 |
| | (PhEur) | | 20 ppm | | | | | | | | | | grey liquid | | | | |
| | Voc (LICD | 30.4 | <15 | <5 | | 41.7 | 1.2-2.1 | 2.6 | USP ¹ | | \/ · · | | | Yes | 21.500 | 30 | 26 |
| | Yes (USP, historical | 30.4 | 50 ppm | _3 | | 41.7 | 1.2-2.1 | 2.0 | 035 | Yes | Yes | Yes | Off- white | res | 31,500 | 30 | 36 |
| | use in Europe ²) | | | | | | | | | | | | liquid | | | | |
| | - | | | _ | | | | | | | | | · | | | | |
| | No | 29.4 | <15 50 ppm | <5 | | 30 | 1.2-2.1 | 2.5 | USP ¹ | Yes | Yes | Yes | Off- white | Yes | 1,500 | 30 | 48 |
| | | | 20 ppill | | | | | | | | | | liquid | | | | |
| | | | | | | | | | | | | | , | | | | |
| | No | 90.5 -99 | <15 | <5 | ≤18 | | | | USP | Yes | Yes | No | Grey | N/A | 500 | 100 | 36 |
| | | | | | | | | | | | | | liquid | | | | |
| | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | |

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