

technical data sheet

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Description

Antifoam 30% Simethicone Emulsion is a concentrated silicone-based antifoam emulsion.

Applications

Antifoam 30% Simethicone Emulsion was developed specifically for pharmaceutical applications. It can be used as an ingredient in anti-flatulent preparations for the treatment of intestinal gas and bloating in humans and animals. The use of silicone-based antifoams in the treatment of this condition is well known and widely reported. The application of the silicone antifoam is thought to produce a coalescence of the gas bubbles producing free gas, which can then be more easily removed by belching or passing flatus.

Product Features

Antifoam 30% Simethicone Emulsion is a highly effective foam control agent with superior reliability and versatility. It is authorised for use in pharmaceutical products by the regulatory regimes of most countries.

Method of Use

Antifoam 30% Simethicone Emulsion disperses easily in both hot and cold aqueous systems, requiring only mild agitation to disperse it completely in the foaming system. For maximum efficiency and economy, we recommend the antifoam is diluted with water before use, in the ratio of one part of Antifoam 30% Simethicone Emulsion to nine parts of cool soft or de-ionised water, the water being added slowly to the antifoam with continual low-shear agitation.

For best results the diluted antifoam should be used within twelve hours of dilution. We can advise on suitable stabilisers when diluting Antifoam 30% Simethicone Emulsion.

The quantity of antifoam required can only be found by experiment, however, typically between 100 and 500 ppm of the product is all that is required (500ppm = 0.5 litres of product per 1000 litres of foaming media), for effective foam control.

Product Safety

A Safety Data Sheet compliant with EU 2015/830 is available for Antifoam 30% Simethicone Emulsion on request. It contains any safe handling guidelines that may be relevant to this product.

Storage, Shelf Life & Packaging

Antifoam 30% Simethicone Emulsion has a shelf life of 6 months when stored in original and unopened containers between 5°C and 30°C.

Typical Properties

- Appearance: White emulsion
- Silicone content: 30 %
- Specific Gravity: 1.0

Please note; these are typical properties only and should NOT be construed or used as a specification for this product.

(OPM3/D3)

TDS: 350

Issue: 02

Revised: 09/01/2023

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This product is manufactured in a facility whose Quality Management System is certified as being in conformity with ISO 9001:2015 by Intertek Certification Ltd.



This product is manufactured in a facility which operates in line with the Chemical Business Association's Responsible Care program.

Technical Support Contact Details

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