



#### **Technical Data Sheet**

Version: 1.0

# Simethicone & Simethicone Emulsion

## Description

Simethicone and its emulsion are high-efficiency polysiloxane emulsion defoaming agents with an active ingredient content of 30%. They are mainly used for eliminating flatulence, defoaming the blood circulation system, antacid preparations, and for extracting natural medicines, Foam control in the production process of antibiotic production, food fermentation, microbial fermentation, genetic engineering and downstream technology industries. It has the advantages of safety, non-toxicity, low dosage and easy use. The product complies with the technical standards of USP (Simethicone Emulsion).

## **Properties**

Excellent defoaming performance
Extremely low toxicity, extremely low skin sensitization
No teratogenicity
Easy to use, low dosage and efficient
Milky white viscous liquid
Odorless and tasteless
Low surface tension
Complies with United States Pharmacopeia (USP-NF) standards



# **Applications**

Foam control in biological fermentation process; Gastric juice defoaming before gastroscopy; Foam control in pharmaceutical processes; Antifoaming of blood in extracorporeal circulation; Gastrointestinal antifoaming drugs; Natural medicine extraction;

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