

# TECHNICAL DATA SHEET

## HANSA XFOAM F 6105 5% Active Silicone Defoamer

### Description

This is a food grade silicone defoamer emulsion formulated to control foam in food systems and processes.

### Key Features

- Highly active material based on silica-filled polydimethylsiloxane
- Excellent foam knockdown and persistence characteristics
- Effective in hot and cold systems
- Effective in low concentrations

### Key Applications

- Vegetable washing
- Food processing
- Food starch and protein washes such as those found in egg and potato processing
- Pickle manufacturing (brine solutions)

### Application

HANSA XFOAM F 6105 is a water-dilutable, 5% active silicone defoamer, formulated to control foam in food systems and processes.

### Use and Cure Information

This product is compatible in most aqueous processing applications, however it is advisable to screen each application before use. Use product as is by adding directly into foaming system or dilute with process liquid prior to use. This product disperses in water systems with moderate amounts of mixing.

### Health & Safety

This product is manufactured in compliance with the regulations of the U.S. Food and Drug Administration as cited in 21 CFR 173.340, defoaming agents used in processing foods. Permissible use levels for polydimethylsiloxane in food are defined by this FDA regulation. This product is approved for use in Canada under the following CFIA categories: Cleaners (Cleaners/Defoamers for washing fruits and vegetables, code C3) and Egg Treatment Compounds (Foam control compound, code LL3).

### Limitations

This product is not intended for pharmaceutical use.

### Property

#### Product

Appearance  
Color

Density

INCI Name

Ionicity

MIT Free

Non-Volatile Content (%)

Solids Content (%)

Ultralow cyclic content

#### Uncured Product

Viscosity

#### Addition Rates

Dosage - 1

#### Storage

Max Storage Temperature

Min Storage Temperature

Packaging

Shelf Life

### Test Method

### Value

White liquid

White

BS ISO  
2781

0.96-1.0 g/cm<sup>3</sup>

Simethicone

Non-ionic

Yes

10

10 %

No

Brookfield 2000 cP

As defined by FDA regulation 21 CFR 173.340, defoaming agents used in processing foods.

38 °C / 100 °F

4 °C / 39 °F

This product is available for sale as 18 kg. pails and 200 kg. drums. and 1000 kg. totes.

12 mths

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