

## EM 1463 Food grade 350 cSt polydimethylsiloxane emulsion

### Description

This product is a food grade emulsion of a polydimethylsiloxane fluid.

### Key Features

- Best in class dilution and formulation stability
- Has shown industry-best dilution stability at 1% actives
- Proven in food grade applications
- 

### Key Applications

- Mold Release
- Chain lubricant
- Food contact release agent
- Incidental food contact lubricant

### Application

EM 1463 is a high performing, ultrafine particle size emulsion of 350 centistoke polydimethylsiloxane fluid that is 35% active and has been formulated for direct food contact application. EM 1463 is designed to be used as a denesting, antistatic release agent as well as conveyor chain lubricant in direct food contact applications.

### Use and Cure Information

This product can be diluted in water or an aqueous media before use. If unsure where to start the dilution, it is recommended to dilute one-part product to 30 parts water/aqueous media. This dilution is then applied to the food contact surface by spraying, wiping, brushing, or dipping.

### Health & Safety

This product is not intended for pharmaceutical use. It is the responsibility of the user to ensure acceptable compatibility with intended food contact surfaces.

Revision Date 25 Jan 2023  
Revision No 8  
Download Date 29 Apr 2024

### Property

#### Product

% Silicone	35 %
Appearance	White Emulsion
Base Fluid Viscosity (cst)	350
Density	BS ISO 2781 0.97 g/cm3
Viscosity (cst)	20
pH	5

#### Addition Rates

Dosage - 1 1 part product to 30 parts water/aqueous media

#### Storage

Max Storage Temperature	40 °C / 104 °F
Min Storage Temperature	4 °C / 39 °F
Packaging	460 lb. Drums or 2200 lb. Totes
Shelf Life	12 mths

The content set out in the technical data sheet does not contain information upon which you should rely. It is provided for general information purposes only and does not constitute a product specification. You must obtain professional or specialist advice before taking any action based on the information provided in the technical data sheet. CHT make reasonable efforts to ensure that information set out in the technical data sheet is complete, accurate, and up-to-date. CHT do not, however, make any representations, warranties or guarantees (whether express or implied) that information set out in the technical data sheet is complete, accurate, or up-to-date or that the product will be suitable for your requirements. You should carry out your own testing to determine the applicability of such information and whether the product will be suitable. CHT reserve the right to modify the technical data sheet at any time. The CHT technical service department is available to offer further information and advice and should it be needed to look at modifying current products or custom formulate a new one to meet your specific requirements. Please contact the technical service department.

**CHT Germany GmbH:** Postfach 12 80, 72002 Tübingen, Bismarckstraße 102, 72072 Tübingen, Germany  
Telephone: 07071/154-0, Fax: 07071/154-290, Email: info@cht.com, Homepage: www.cht.com / www.cht-silicones.com