

TECHNICAL DATA SHEET

ICM 1076 (60) Food grade silicone emulsion

Description

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

Key Features

- Food grade ingredients
- Effective in low concentrations
- Easy to handle and easily formulated
- Effective in hot and cold systems

Key Applications

- Mold release aid
- Food processing systems
- Chain grease
- Lubrication agent

Application

ICM 1076(60) is a water dispersible 60% nonionic emulsion, formulated for food grade release and greasing applications. ICM 1076(60) is used in many release and greasing applications which require food grade ingredients.

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.

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Property

Product

Appearance
Ionicity
Solids Content (%)
Viscosity (cst)
pH

Addition Rates

Dosage - 1

Storage

Max Storage Temperature
Min Storage Temperature
Packaging
Shelf Life

Test Method

Value

White Emulsion

Non-ionic

60 %

6000

6

1-5% for mold release applications

40 °C / 104 °F

4 °C / 39 °F

40 lb. pails or 441 lb. drums

12 mths

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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.

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