

## ILDEFOM MS4

### Antifoaming and Defoaming Agent for Aqueous Industrial Fluids

#### ■ DESCRIPTION ■

ILDEFOM MS4 is an antifoaming agent which has been designed for the following aqueous systems:

- Alkaline/Acid Cleaners
- Soluble Oils
- Semi-Synthetic or Micro-Emulsions
- High Water Content Hydraulic Fluids
- Water/Glycol Hydraulic Fluids

ILDEFOM MS4 is completely water dispersible and hardly adhere to metal surfaces. The use of ILDEFOM MS4 will not impair subsequent finishing operations, such as painting or plating.

#### ■ DOSAGE ■

It is recommended to use 0.1 ~ 0.3% concentration of ILDEFOM MS4 by the weight of the knit. The concentration should be added firstly and slowly to knit prior to the addition into water. And it should be agitated for five minutes at least. In case of addition from the side of tank it should be added slowly to the inlet side of the recirculation pump to help better dispersion.

#### ■ SPECIFICATIONS and PROPERTIES ■

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|--|---|
| - Appearance   | : Translucent off-white liquid                |
| - Weight/Gallon  | : 8.75 : 0.20 Lbs.                            |
| - Specific Gravity 25 °C                               | : 1.050 : 0.025                               |
| - Viscosity (Brookfield RVF Spindle #3, 20 RPM, 25 °C) | : 3,000 : 1,000 cps                           |
| - Percent Non-Volatile by Weight (By Weight)           | : 54.0 : 2.0                                  |
| - pH (50% solution)                                    | : 7.5 : 0.5                                   |
| - Flash Point  | : >204 °C, -(400 F) Pensky Martens Closed Cup |

#### ■ HANDLING and STORAGE ■

- Store at room temperature.
- Avoid prolonged storage above 43 °C (110 F)
- If it is frozen or stored above 43 °C, make temperature return to room temperature. And mix MS4 thoroughly before use. Refer to Material Safety Data Sheet for additional Safety and handling information.