

Technical Information Sheet

Defoamers / Antifoaming Agents

Concentrated PDMS based Defoamer Compound

Rockdefoam DMSE-100

Rockdefoam DMSE-100 is a dimethyl polysiloxane and silanes based high active silicone defoamer which is emulsified and can easily be diluted with water and oil easily in any proportion.

Properties:

Appearance: White to grayish, opaque liquid

Nature: Poly dimethyl siloxane

Activity %: 98 ± 1

Odor: Neutral

Flash point : > 200 °C

Setting point : -50 °C

Viscosity at 25°C: S4 R100 5000-5600

Density (kg/m³): 970 - 980

Solubility: Soluble in water

Solidification Point: +5 °C

Packing: 50 Kg, 100 Kg and 200 Kg PE drums

Applications & Recommendation

This product is used in the following industries in both pure or emulsified forms (Activity of the product should be reduced to 10-30% before final usage):

- Chemical and petrochemical industries
- Textile and leather industries
- Paint production process
- Production of cleaning agents
- Production of epoxy resins
- Filling processes
- Distillation and gas washing
- Oilfield industries
- Aqueous and non-aqueous polymerization processes
- Refinery process
- PVA polymerization
- Acrylic polymerization

The dosage of consumption varies to the type of application and is 0.001% - 0.005% gr/ltr.

Advantages:

- 1- Flowable viscous liquid.
- 2- Dilutable in DM water or Mineral oils in any ratio.
- 3- No emulsifier or additive is needed.
- 4- APEO free and any other toxic substances.

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NOTE: According to our best knowledge and technical experiments, the above data is true and accurate. Regarding to variety of consumption procedures, it is recommended to evaluate the information before use.