

Technical Information Sheet

Antifoaming Agents, Foam Killers

Fermentation Process Defoamer

Rockdefoam RFD-50

Rockdefoam RFD-50 is a silicone emulsion highly concentrated defoamer. It is highly effective silicone based antifoam emulsion developed for use in the various applications especially in the Fermentation processes.

Properties:

Appearance	: Viscose milky liquid
Nature	: Di methyl siloxane
Ionity	: Nonionic
pH (1:10 solution)	: 7 - 8
Active matter	: 50 ± 1 %
Viscosity @25°C	: 1000 - 3000 cps.
Density	: 1.00 - 1.05 gr/cm ³
Packing	: 100 and 200 Kg PE drums or 1000 Kg IBC tanks

Applications & Recommendations:

Rockdefoam RFD-50 is used as a processing aid for a wide variety of food processes including the following:

- Fermentation processes
- Bottle washing
- Brewing
- Low foam washing formulations
- Paper coating
- Sugar beet processing
- Sugar molasses
- Vinegar manufacture

Dilution Method:

- 1- Charge 100 kg's of Rockdefoam RFD into vessel
- 2- Start mixing (stirrer must be anchored and 20-35 RPM)
- 3- Charge 20 kg's DM hot water (80-85°C) and mix for 0.5 hour
- 4- Charge 30 kg's DM hot water (80-85°C) again and stir for 0.5 hour
- 5- Continue step 4 until desired defoamer activity .

Note: You can add cold water after step 4. It can be diluted 2-3 percent emulsion and will be stable for a day.

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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.

