

Eco-friendly emulsifier T-100

In silicone emulsify process, the emulsifier is very important; we need the emulsifier not only stable and easy to use in emulsify process, but also eco-friendly and generally using. Based on these requests, we promote Eco-friendly emulsifier YIMANSOFT T-100, it especially good at amino based silicone application.

【 Properties 】

1. Appearance: colorless and transparent liquid
2. Component: special nonionic surfactant
3. Ionic charge: nonionic
4. pH value : 6.0~7.5
5. HLB value : 11~13

【 Characteristics 】

1. T-100 is low foam and easy to use.
2. T-100 have good humectant and penetrating.
3. T-100 easy to biodegrade.
4. T-100 without NP series surfactant, is a eco-friendly product.

【Emulsify process】 30% product (Requests of water quality between 50ppm)

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T-100 emulsifier	12.0%	10.0%
Oil	18.0%	20.0%
water	70.0%	70.0%
HAC	0.2~0.3%	0.2~0.3%
Anti-bacterial agent	0.1~0.2%	0.1~0.2%

【 Application 】

1. Pour T-100 and 70% water (pure water) totally all in emulsion tank and stir by low speed about 20~30 mins to mix evenly.
2. Pour silicone oil to the same tank and keep stir by low speed about 20~30 mins.
3. Pour HAC (98%) to adjust PH value to 5.5 and stir 10 mins, the emulsion liquid will become transparent and emulsifying evenly.
4. If you need the 20% products, just dilute with water then adjust PH value to 5.5.
5. Pour anti-bacterial agent, stirring about 10 mins.
6. Filtering and packing.

【 Package】 120Kg per tub

LIMITED WARRANTY INFORMATION – PLEASE READ BEFORE ANY APPLICATION:

- The data presented in this brochure are in accordance with the present state of our knowledge but do not absolve the user from carefully checking all supplies immediately on receipt.
- We reserve the right to alter product constants within the scope of technical progress or new developments.
- The recommendations made in this brochure should be checked by preliminary trials because of conditions during processing over which we have no control, especially where other companies' raw materials are also being used.
- The information provided by us does not absolve the user from the obligation of investigating the possibility of infringement of third parties' rights or patents and, if necessary, clarifying the position.
- Recommendations for use do not constitute a warranty, either express or implied, of the fitness or suitability of the product for a particular purpose.
- We disclaim any responsibility for any dispute regarding product quality between agent and end user.
- Our sole warranty is that our products will meet the sales specifications in effect at the time of shipment.

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