

EMER – 01

EMER - 01 Is a special oil in water (OW) emulsifier for a variety of emulsion such as mineral oil (kerosene, white spirit, diesel oil, parafinic oil, SMT, etc.) and waxes (paraffin, bees, carnauba, polyethylene).

Performance Features

- Good rapid emulsifying ability in water/ oil emulsion.
- Covers broad range of oil/ water emulsion.
- Corrosion inhibiting effect
- Good emulsion stability
- Very low foaming

Typical properties

- Appearance : Light brown solid
- Odor : Bland
- Melting Point, °C : ca. 80
- Solubility in water : dispersible
- Solubility in solvent : aliphatic (mineral oil, SMT, white spirit, etc)
aromatic (xylene, toluene, etc)
- ionic character : nonionic

Application Procedure of emulsion preparation

For mineral oil preparation, melt down EMER – 01 ini oil phase, then water is added gradually with gentle stirring, keep temperature of 80C for 5-10 minutes, cool down to room temperature.

In the case of wax emulsion preparation, melt together all oil phase ingredients at temperature slightly above wax melting pont. Add water phase slowly under gentle stirring cool down to room temperature.

Recommended dosage

The lowest emulsifier concentration required to obtain stable emulsion depends on the emulsion system (formulation, equipment, procedure,etc) but as a general guide line is 3-6% for emulson with oil/ water ratio 1:3 or 1:1

Packaging : 25 Kgs / bag.

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