

IS 8498 : 2013 Temephos, emulsifiable concentrate (EC) - Specification (First Revision)

Temephos, an emulsifiable concentrate (EC) is an insecticide commonly used for mosquito control. Temephos is usually used in public health programme. It is also used for controlling insect pests of agricultural importance. Temephos, emulsifiable concentrate is generally manufactured to contain 50 percent (*m/m*) of temephos.

The standard ensures that Temephos EC meets strict quality and efficacy criteria. This includes specific concentration levels to guarantee effectiveness against larvae while minimizing any potential risks.

The material shall be homogenous and stable liquid. Sediments and/or suspended matter shall be negligible. On dilution with water, it shall readily form an emulsion, suitable for spray. The standard sets requirements for cold and flash points, emulsion stability and chemical requirements.

IS 8498:2013 ensures that Temephos is safe, effective, and responsibly labeled, supporting efforts to pest control in a safe and environmentally friendly way