



## **IS 15160 : 2002 PRETILACHLOR EMULSIFIABLE CONCENTRATE – SPECIFICATION**

**Pretilachlor emulsifiable concentrate (EC)** is a **liquid** pesticide formulation commonly used as a **fungicide** in **agriculture**. It is composed of pretilachlor technical, a fungicide, dissolved in suitable solvents along with emulsifying agents and with or without stabilizer(s). The EC is typically manufactured with a **50%** m/m concentration of **pretilachlor**. This formulation allows for easy mixing with water, creating an emulsion suitable for spraying on crops.

Consumers expect this product to be effective, safe, and easy to use. Therefore, key quality parameters include a high and consistent concentration of pretilachlor, good emulsion stability in water, a suitable flash point to ensure safe handling and storage, and the absence of impurities or sediment.

The Indian **Standard IS 15160-2002** outlines specific requirements and tests to ensure these quality parameters are met. It mandates that the **pretilachlor content** should be within a specified tolerance range of the declared nominal value. The standard also specifies tests for **Description, Cold Test, Emulsion Stability, Flash Point, and Acidity** to ensure product quality and safety. Packing and marking requirements, including safety precautions, are also outlined in the standard. The standard also details sampling procedures and criteria for conformity based on the time elapsed since the product's manufacturing date. These measures aim to provide consumers with a reliable and effective product that meets their expectations.