

# IS 12931 : 2024

## Atrazine Wettable Powder (WP) – Specification ( First Revision )

**Atrazine, Wettable Powder (WP)** is a **selective herbicide** used to control a wide range of **broadleaf weeds** and **grasses** in various agricultural crops, especially **corn, sorghum, sugarcane, and turf grass**. Consumers who purchase Atrazine WP are typically **farmers, agricultural professionals, and landscapers** who deal with **weed management** in crop production or **turf care**. Their expectations for the product include effective **weed control, selectivity, ease of application** and **value for money**.

The Indian Standard **IS 12931 : 2024** outlines the specifications for Atrazine WP. By adhering to these specifications, manufacturers can provide **reliable** products that help farmers manage pests effectively.

### Key Specifications

- **Active Ingredient:** Atrazine WP is generally manufactured to contain 50 percent of Atrazine. However, the Standard does not specify the amount of Active Ingredient required. Instead the Indian Standard stipulates compliance to content accuracy, ie., the observed atrazine content in samples must align closely with the declared value, adhering to specified tolerance limits prescribed in the Standard.
- **Formulation:** The material shall be in the form of a fine, free flowing, white to cream-coloured powder and shall wet readily on mixing with water, providing a suspension suitable for use as spray.
- **Packing:** The material shall be packed in mild steel or tin plate or fibreboard containers lined with low density polyethylene of thickness not less than 0.062 mm. The containers shall also comply with the general requirements as specified in IS 8190 (Part 1) Requirements for packing of pesticides: Part 1 Solid pesticides (second revision).

### When buying ISI-marked Atrazine WP, here's what to check:

- Verify the **CM/L number** marked on the product from **BIS CARE app** which can be downloaded from play store.
- Other marking details include name and address of the manufacturer, name of the material, batch number, date of manufacture, date of expiry, net quantity, nominal atrazine content, percent (m/m) and cautionary notice as worded in the Insecticides Act, 1968, and rules framed thereunder.

You may explore further by downloading the standard for free from <https://standardsbis.bsbedge.com/>.