

DTE. NATIONAL VECTOR BORNE DISEASE CONTROL PROGRAMME

TECHNICAL SPECIFICATION OF DIFLUBENZURON 25% WP (INSECT GROWTH REGULATOR) AS LARVICIDE

The larvicide shall conform to the specification as per registration committee and for standards to be published by the Bureau of Indian Standards. Diflubenzuron 25% WP (IGR) should conform to the standard specified by IS vide No.14186-1994 and amended thereof.

Registration- The product and the firm shall have to be registered by the Registration Committee, Central Insecticide Board, Directorate of Plant Protection & Quarantine, Department of Agriculture, Ministry of Agriculture for Public Health use for mosquito larvae control of disease vectors.

Shelf Life / Efficacy- The expiry date i.e. the date up to which the larvicide shall retain its efficacy & toxicity shall be for a period of two years from the date of its manufacture that means the material shall meet with the requirements given in the specification above for a period of two years. This shall be guaranteed by the firm with a certificate in this regard which shall have to be furnished along with the documents. At the time when the stores are offered for inspection, the life of larvicides should not have passed more than 1/6th of the effective life of the same counted from the date of manufacture.

Packaging- The material shall be packed in 500 gms in LDPE bags as approved by Registration Certificate and IS specification of Diflubenzuron WP under heading Packaging. The containers of packaging shall also comply with the general requirements as specified in 2 of IS: 8190(part I): 1980, 1988 & amendment thereof, if any.

Leaflet as approved by the Registration Committee should be affixed to the packaging containing larvicide and shall be printed in English, Hindi & in regional languages indicating product detail, direction for use, precautions, symptoms of poisoning and first aid with antidote if any, Disposal of used containers, storage conditions and manufacturer's name etc.

Marking- The following information shall be marked legibly and indelibly on each container as per IS specification IS 14186:1994, in addition to the information required under the *Insecticide Act 1968* and Rules framed thereunder:

- a) Name of the Material;
- b) Name of the manufacturer;
- c) Date of manufacture;
- d) Date of expiry;
- e) Batch number;
- f) Net mass of contents;
- g) Nominal Diflubenzuron contents (m/m);
- h) Minimum cautionary notice as worded in the *Insecticide Act, 1968* and rules framed thereunder; and
- i) Any other information required under the Standards of Weights and Measures (Packaged Commodities) Rules, 1977.

In addition, the container shall be marked.

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NVBDCP
NOT FOR SALE**

Dose and frequency- The recommended dose by NVBDCP expert group is 25 gm a.i./Ha for clean water and 50 gm a.i./Ha for polluted water at weekly intervals.

The State Programme officers have the right to carry out chemical analysis of larvicides from field samples during implementation under the programme at any stage during shelf life of the product.