

1000000 Live Plant and Animal Material and Accessories and Supplies											
10190000 Pest control products											
10191500 Pesticides or pest repellents											
Commodity : Diflubenzuron											
Selling Unit : mass-kg											
S.No.	Parameters	Type	Value 1	Value 2	Value 3	Value 4	Validation/ Remark	M	F	G	Demand aggregati on
Constituents											
1	The material shall consist of diflubenzuron technical, suitable carrier(s), wetting agent(s) and stabilizer(s)	Ch	Yes					√			
2	Diflubenzuron, technical employed in the formulation of this material shall conform to IS 14185 : 1994	Ch	Yes					√			
3	The material shall be in the form of a homogeneous white to yellowish brown powder, which shall wet readily on mixing with water, providing a suspension suitable for use as a spray	Ch	Yes					√			
REQUIRMENTS											
4	Diflubenzuron content, percent, by mass (m/m)	Ch	Up to 9 (+10/-5)	Above 9 and below 50 (±5)	50 and above (+5/-3)			√	√	√	
5	Sieving (material passing through 4 micron IS sieve), percent by mass (m/m), Min	EN				N≥99		√	√	√	
6	Suspensibility, percent by mass (min), Min	EN				N≥60		√	√	√	
7	Acidity (as H ₂ SO ₄), percent by mass (m/m), Max	EN				N≤0.1		√	√	√	
8	Wettability in seconds, Max	EN				N≤120		√	√	√	

Packing										
9	Material shall be packed in LOPE bags of thickness not less than 0.062 mm, its mouth heat sealed and then packed in a cardboard cartons (see IS 6604: 1991) individually. The containers shall also comply with the general requirements as specified in 2 of IS 8190 (Part I): 1988	CH	Yes					v		
10	Packing size (in kg)	N	0.5					v		
11	Leaflet as approved by the Registration Committee should be affixed two 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	CH	YES					v		

Marking										
12	The following information shall be marked legibly and indelibly on each container in addition to any other information as required under the Insecticides 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 content (m/m); h) Minimum cautionary notice as worded in the Insecticides Act, 1968 and Rules framed thereunder; and j) Any other information required under the Standards of Weights and Measures (Packaged Commodities) Rules, 1977	CH	YES					v		
Shelf life										
13	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	CH	YES					v		
Registration										
14	The product and the technical grade material required to manufacture the product and the firm manufacturing the formulation 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.	CH	YES	NA				v	v	
15	Valid Manufacturing Licence should be there to manufacture the product and its Technical grade	CH	YES					v		
Certification										
16	Conforming to IS:14186(Latest)	CH	YES					v		
17	CM/L Number for ISI certification mark (Must declare)	CH	Text					v		

Test Report Details										
18	Availability of Test Report from Central Govt/NABL/ILAC accredited lab to prove conformity to specification	Ch	Yes					√		
19	Test Report to be submitted to the Buyer on Demand write NA if Test report is not available	Ch	Yes					√		
Dose and frequency										
20	The recommended dose by NVBDCP expert group is 25gm a.i./Ha for clean water and 50 gm a.i./Ha for polluted water at weekly intervals	Ch	Yes					√		
21	Five years manufacturing marketing experience of the quoted product of the company (Order copies performance certificates to be uploaded/ submitted on demand)	Ch	Yes					√		