Public Notice

Subject: Report of the Sub-Committee on Bioassay Protocol related to formulation of guidelines for the Registration of Biocide and Biocide Products (Manufacturing Use Products)

Attention is invited to minutes of 389th meeting (agenda item no. 11.2) of the Registration Committee (RC) held on 13.06.2018 and 15.06.2018 wherein the RC constituted a Sub-Committee to finalize the bioassay protocols.

2. The draft bioassay protocol of the Sub-Committee was considered by the RC in its 404th meeting (agenda item no. 10.11) held on 28.06.2019 and 03.07.2019 and decided that draft protocol may be uploaded for the comments of stake holders giving them 30 days time.

3. It is, therefore, requested to submit comments on the enclosed draft protocol within 30 days time from the date of uploading of the Public Notice on the website of ppqs.gov.in. The comments may be sent through email to cibscy@nic.in with a copy to vivek.narayan14@nic.in and kiran.deshkar@gov.in

This has the approval of Secretary (CIB&RC).

(Vivek Narayan)

Sr. Administrative Officer (CIB&RC)
Draft Bioassay Protocol

Protocol for Bioeffectiveness and Persistence Studies

a) Season: Monsoon, Winters, Spring, Summer

b) Location: Coastal, Hilly, Plain (A minimum of three locations should be selected for carrying out studies related representing diverse climatic conditions of the country)

c) Frequency of bioeffectiveness test: one time in above (a+b)

d) Data generation:
   i. when applied on inner wall
   ii. when applied on outer wall
   iii. When applied on both sides

e) Designated pest: As per claim (Pest) for inner side/outer side/both side application

Target substrate/object for Bioeffectiveness and persistence studies: Cement/Wood

Duration of trials (as per claim): Depending upon the shelf life of the pesticide formulation used as biocide in paint.

Treatment details:

<table>
<thead>
<tr>
<th>S.No.</th>
<th>Treatment</th>
<th>% of a.i. mixed in the paint</th>
<th>% of formulation mixed in paint</th>
<th>% quantity of biocide present in per sq. m of substrate/object</th>
</tr>
</thead>
<tbody>
<tr>
<td>1.</td>
<td>Product name (biocide mixed in paint)</td>
<td>X</td>
<td>X</td>
<td></td>
</tr>
<tr>
<td>2.</td>
<td>Product name (biocide mixed in paint)</td>
<td>2X</td>
<td>2X</td>
<td></td>
</tr>
<tr>
<td>3.</td>
<td>Control (Paint without biocide)</td>
<td>-</td>
<td>-</td>
<td></td>
</tr>
</tbody>
</table>

Frequency of sampling: Frequency of sampling should be at every three-month interval covering all four seasons upto the claim (for all studies) + 6 months (for Persistence) starting from the date of application of paint.

Number of samples to be analysed: Minimum three replications

Sampling Method: Required quantity of sample for testing shall be collected at least from 1 sq. meter painted area each time.

Mortality Rate ( % ): Shall not be less than 80 %.