

**GOVERNMENT OF PAKISTAN
MINISTRY OF FOOD, AGRICULTURE AND LIVESTOCK
DEPARTMENT OF PLANT PROTECTION**

FORM 16.

[SEE RULE 9A(1)]

**APPLICATION FOR THE IMPORT PERMISSION OF PESTICIDE NOT
HAVING A TRADE NAME
(TO BE RENDERED IN TRIPLICATE)**

- I. Name and address of the applicant.
- II. Name and address of the manufacturer.
- III. Name of the Product (Generic Name).
- IV. Common Name (proposed or accepted by ISO) if different from the Generic name.
- V. Structural Formula.
- VI. Chemical Name IUPAC. nomenclature
- VII. Empirical Formula and Molecular Weight.
- VIII. Manufacturer's Development Code Number(s).
- IX. Active Ingredient:
- | | |
|----------------------------------------------------------------------------------------------------------|---|
| 1) Physical State | : |
| 2) Colour | : |
| 3) Odour | : |
| 4) Melting Point | : |
| 5) Decomposition Point | : |
| 6) Boiling Point | : |
| 7) Vapour Pressure(Figure should be given at a stated temperature preferably in the range of 20 - 25 C.) | : |

- 8) Density (for liquids only) :
- 9) Hydrolysis rate under stated relevant conditions :
- 10) Photolysis :
- 11) Absorption Spectra e.g. Ultra-violet and infra-red etc. :
- 12) Any other relevant properties :

X. TECHNICAL GRADE MATERIALS:

- 1) Source (Name and address of the manufacturer and address where manufactured) :
- 2) Physical State :.
- 3) Colour :
- 4) Odour :
- 5) Minimum & maximum Active Ingredient content in w/w%. :
- 6) Identity and amount of Isomers, Impurities and other by products together with information on their possible range expressed as w/w. :

The applicant shall supply details of impurities.

- 7) Storage Stability

XI. FORMULATED PRODUCTS

- 1) Identity :.
- 2) Use Category :.
- 3) Type of Formulation :.
- 4) Content of Active Ingredient(s) :
- 5) Content and nature (identity if possible) of other components. :

- 6) Water Content (above relevant) :
- 7) Appearance :
- 8) Storage Stability (in respect of composition and physical properties related to use) :
- 9) Density (for liquids only.) .
- 10) Flammability
 - a) Liquids (Flash Point)
 - b) Solids (A statement must be made as to whether the product is flammable / inflammable.
- 11) Acidity (where relevant) :
- 12) Alkalinity (where relevant) :
- 13) Other properties may in certain cases needs evaluation. :
- 14) Wettability (for Dispersible Powders)
- 15) Persistent Foam for formulations applied in water.
- 16) Suspensibility (for Dispersible Powders and suspending concentrates)
- 17) Wet Sieve Test (for dispersible powders and suspension concentration)
- 18) Dry Sieve Test (for Granules and Dusts)
- 19) Emulsion Stability (for Emulsifiable concentrates) :
- 20) Corrosiveness(where necessary)
- 21) Known Incompatibilities with other products eg. pesticides, fertilizers.

XII. EFFICACY.

- 1) Primary evaluation data using harmonized method and reported in a systematically presented complete dossier.

XIII. TOXICOLOGICAL DATA.

- 1) Acute Oral Toxicity. :
- 2) Acute Percutaneous toxicity :
- 3) Acute Inhalation
- 4) Skin irritation
- 5) Eye irritation.
- 6) Direct observations eg. clinical cases
- 7) Health records both from industry and agriculture.
- 8) Treatment of poisoning
- 9) First-aid measures
- 10) Supplementary Treatment

XIV. PREDICTION OF ENVIRONMENTAL EFFECTS.

- 1) Fate and mobility studies of the toxicant. :
- 2) Method of application of pesticide .
- 3) Time of application
- 4) Rate of application
- 5) Scale of use (No. of applications etc.)
- 6) Volatility of the product :
- 7) Water Solubility
- 8) Effects on Birds
- 9) Effects on Fish
- 10) Effects on Fish Food Species
- 11) Effects on Honey Bees
- 12) Effects on Local aquatic species

13) Effects on Soil organisms

XV. DISPOSAL OF SURPLUS PESTICIDES AND PESTICIDE CONTAINERS.

- 1) Any additional information (see guidelines for disposal of surplus pesticides and pesticides containers Annexure “ ”).

XVI. PROPOSAL FOR LABELLING AND DIRECTIONS FOR USE.

- 1) A draft label with any additional information not included in the guidelines(see guidelines for labeling Annexure-” ”.)

XVII. STORAGE STABILITY.

XVIII. PACKING.

- 1) State weight (or for liquids volume) and the sizes of package the product is to be marketed and for each size the type of package for instance 1 kg. in canes with screw plug and 50 kg. in iron drums.

Please note that the product must be sold only in the package, size and type notified to the Plant Protection Department and for which the label is approved.

- 2) Classification during transport.

XIX. METHODS OF ANALYSIS.

- 1) Methods to determine the active ingredient of the product (the accuracy of the method of determination should be stated)
- 2) Method to determine the amount of isomers, impurities and other by-products.

XX. LABELLED SAMPLES FOR ANALYSIS.

The samples shall be dispatched by the manufacturer directly to the department.

- 1) Analytical reference standard of 2-5 gms.
- 2) Technical grade material 0.5 - 1.0 kg.
- 3) Formulated product 1 lit. for each formulation.

REGISTRATION / ANALYSIS FEES.

Rupees 25000/- & RS. 5000/- (Rupees Twenty Five
Thousand & Five Thousand only) respectively
to be deposited by Treasury Challan
payable under budget head Central.

I do hereby apply for registration of the pesticide particulars of which are given above
and hereby certify that these particulars are to the best of my knowledge true and correct.

Date._____.

SIGNATURE OF APPLICANT.
Name & Designation

CHEK LIST OF FORM-16.

- A - One original and two copies of the application, properly filed in folders.
- B - In original _____ each and every document must be original, stamped and signed alongwith date of issue.
- C - Each application should be accompanied by the followings:-
- 1) Certificate from Joint Registrar of companies.
 - 2) Authority letter from the manufactures.
 - 3) Certificate of Registration from government agency.
 - i) For Technical grade
 - ii) For Formulation
 - 4) 100% break-up, Technical & Formulation recipe from manufacturers.
 - 5) Draft label of the product.
 - 6) Certificate of storage and re-packing.
 - 7) Undertaking on court paper.
 - 8) Registration fee paid in Government Treasury / National Bank under the following Head of Account :-
 - 12,00,000 – Receipt from Civic Administration and other functions.
 - 12,60,000 – Economic Services Receipt.
 - 12,61,200 – Agriculture.
 - 12,61,208 – Agriculture Receipt from Plant Protection Operation.

Labeled samples of the Formulated material (0.5 lit.) and Analytical Reference standard (2-5 grams) sent directly to this Department by manufacturers.