

Common Formulations of Household Pesticides

What is a Pesticide Formulation?

Pesticides can be made into multiple forms to optimize the effect of application. The classification of different pesticide forms is known as pesticide formulation.

Regulatory Requirements of the Pesticides Ordinance for Formulations

Under the Pesticides Ordinance - Cap. 133, the formulation of all registered pesticides intended to be supplied or sold in Hong Kong should match the specific formulation type entered in the register of pesticides.



Common Formulations and Examples of Products of Household Pesticides

1 Vapour Releasing Products (VP)

- Active ingredients are released into the air through vaporisation.
- Formulae that can slow down the release of active ingredients are adopted to achieve a longer-term of pesticidal effect.
- Common products include mothballs and insect repellent tablets.



2 Aerosol Dispensers (AE)

- In general, metallic containers are used with a compressed or flammable gas served as a propellant.
- Active ingredients expelled by the propellant are turned into airborne fine particles to kill pests by direct contact with them.
- Common products include insect sprays.



3 Smoke Generators (FU)

- Active ingredients are released into the air through the generation of heat.
- Active ingredients can penetrate to corners and through inaccessible cracks and crevices.
- Common products include mosquito coils and insecticide fumigators.



4 Baits

- Target pests are killed by attracting them to consume food mixed with pesticides.
- Formulations commonly found in the market include grain bait (AB), granular bait (GB), gel bait (GE) and bait (ready for use) (RB).
- Common products include rodent baits and cockroach / ant baits.



Remark: () is the formulation codes for registered pesticide.



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