

DOLCHEM[®]

Quality Chemicals

**Disinfestation & Sanitary
Additives**

ACTIVE INGREDIENTS FOR INSECTICIDES AND PESTICIDES

Agricultural, industrial, veterinary and domestic applications.

- Cypermethrin
- D-Tetramethrin
- Deltamethrin
- Permethrin
- Piperonyl Butoxide
- Tetramethrin
- D-Trans Allethrin
- D-Allethrin
- Fenitrothion 50% EC



*We've been with
our customers for
more than a
decade.*



D-TETRAMETHRIN AND TETRAMETHRIN

Household and public health uses and results:

- Quickly knock-down household pests such as mosquitoes, flies and other flying insects.
- Repels cockroaches. It drives them out and increase the opportunity for them to contact the insecticide.

Particularities:

- The lethal effect of these two products is not so strong., therefore they are often prepared with Permethrin.

Recommended dosage of Tetramethrin with other active ingredients:

- Aerosol: 0.1%~0.3% in mixture with lethal agent synergist and emulsifier.
- Spray: 0.5~1.8 mg/m³, kerosene as solvent.

	D-Tetramethrin	Tetramethrin
Active ingredient	≥ 93 %	≥ 98 %
Acidity (as H ₂ SO ₄)	≤ 0.15 %	≤ 0.2 %
Moisture	≤ 0.2 %	≤ 0.2 %
CIS/Trans Ratio		10.0/90.0

DELTAMETHRIN

Household and public health uses and results:

- helpful in eliminating and preventing a wide variety of household pests, especially spiders, fleas, ticks, carpenter ants and bees, cockroaches and bed bugs.

Particularities:

- Its action is characterized by hyperactivity and hypersensitivity. Acts as a neurotoxic agent with action in the stomach and no fumigant action.
- It is of moderately high toxicity in mammals and is readily metabolized with rapid loss of toxicity.

Combination with other insecticides:

- Deltamethrin + Cypermethrin (used to make ant chalk).
- Deltamethrin + Piperonyl Butoxide
- Deltamethrin can be used in conjunction with, or as an alternative to, Permethrin, Cypermethrin and other organophosphate-based insecticides.

Deltamethrin

Active ingredient	≥ 95 %
Acidity (as H ₂ SO ₄)	≤ 0.3 %
Insoluble matters in acetone	≤ 0.5 %
Moisture	≤ 0.5 %

D-TRANS ALLETHRIN

Agriculture, horticulture and household uses and results:

- Control of flies and mosquitos in household and gardens.
- Used in combination with other pesticides for the control of flying and crawling insects on farms, animals, fleas and ticks on dogs and cats.

Particularities:

- Also available in form of emulsifiable concentrates and wettable, powder, synergistic formulations (aerosols, sprays or dips).
- In some countries, its use is authorized on fruits and vegetables, post-harvest, in storage and processing plants.

Combination with other insecticides:

- Used alone or combined with synergists and other insecticides such as Fenitrothion, Piperonyl-Butoxide, D-Phenothrin or Deltamethrin.

D-Trans Allethrin

Active ingredient	≥ 93 %
Acidity (as H ₂ SO ₄)	≤ 0.3 %
Moisture	≤ 0.5 %
CIS/TRANS Ratio	10.00/90.00

D - ALLETHRIN

Agriculture, horticulture and household uses and results:

- Control of flies and mosquitos in household and gardens
- Used in combination with other pesticides for the control of flying and crawling insects on farms, animals, fleas and ticks on dogs and cats.

Particularities:

- It is formulated as aerosol, spray, dips, dusts, smoke coils and mats.
- Also available in form of emulsifiable concentrates and wetttable, powder.
- In some countries its use is authorized on fruits and vegetables, post-harvest, in storage and processing plants.

Combination with other insecticides:

- Used alone or combined with synergists and other insecticides such as Fenitrothion.

D-Allethrin

Active ingredient	≥ 93 %
Acidity (as H ₂ SO ₄)	≤ 0.5 %
Moisture	≤ 0.3 %
Chrysanthemic Acid	0.84 %
Allethrolone Isomer	1.18 %
4-chloro-3-methyl-2-propenyl-cyclopentanone	0.92 %
High polymers	3.76 %

PERMETHRIN

Agriculture, horticulture and forestry uses and results

- Used in the protection of a wide variety of field crops (cotton, tobacco, hops, fruits and vegetables), in greenhouses, market gardens and vineyards.
- Applied from ground or from air dispensers to field crops. It may be sprayed on plants in enclosed areas on inert surfaces for quick knockdown or repellent effect.

Particularities

- Effective at low doses as an ovicide, larvicide and adulticide.
- Repellent and poison against a wide variety of insect ectoparasites of plants and animals.
- Particularly effective against members of the Lepidoptera, Coleoptera, Diptera and Heteroptera.
- Effective at high doses levels to control mites, cockroaches, locusts and grasshoppers.
- Not usually effective against aphids, systemic parasites and soil pests except by direct contact application.
- As a lipophilic substance it lacks fumigant action.

Veterinary uses and results:

- Used on animals and on animal shelter surfaces thanks to spray or dips.
- Control of biting insects and other anthropod ectoparasites.

Notes: *Permethrin is not phytotoxic when used as recommended, rapid degradation in soil aquatic environment and low mobility limit adverse effects on non-target organisms.*

Warning: *it is very toxic to bees.*

PERMETHRIN

Public health uses and results

- Effective in the control of several insect vectors of disease, ticks, ants, mosquitos, lices fleas, blackflies, tsetse fly, domestic flies and other pests which contaminate food and water sources. Used as a spray or fogging treatment of surfaces, buildings, plants, confined spaces or larval habitats.

Particularities

- Very effective as a direct contact poison or as a residual substance.
- Effective when used at a low concentration dusting powder directly on humans against body lice in experimental trials.

Household and industry uses and results:

- Used against termites and woodboring beetles, silverfish, bed-bugs cockroaches, crickets and other undesirable arthropods. Knockdown, kill properties and a repellent.
- Space or surface spray; as a residual film on inert surfaces, in fabrics and exposed wood.

Combination with other insecticides:

- Used in a variety of formulations in combination with several other active ingredients including Bioallethrin, Copper Sulfate, Dichlorvos, Pirimicarb, Pirimiphos-methyl, Tetramethrin and Triforine.

Permethrin

Active ingredient	≥ 93 %
Acidity (as H ₂ SO ₄)	≤ 0.15 %
Moisture	≤ 0.2 %
CIS/Trans ratio	25.00/75.00 or 40.00/60.00

CYPERMETHRIN

Agriculture and household uses and results:

- Quick killing action to insect spawns
- Ideal for the control and prevention of a brand range of foliar pest, including cotton, vegetable, fruit and other crops and of insects which are resistant to organic phosphorous pesticide.
- It is also used in control of livestock pests, infection pests, flies and storage pests.
- Its effectiveness lasts for four weeks in prevention of flies.

Particularities:

- Stable to light and heat, and in weak acidic and neutral conditions.
- More efficient and long lasting than Permethrin.
- Low toxicity.

In combination with other insecticides:

- Can be used in conjunction with Deltamethrin.

Cypermethrin

Active ingredient	≥ 92 %
Acidity (as H ₂ SO ₄)	≤ 0.2 %
Moisture	≤ 0.3 %

PYPERONYL BUTOXIDE

Uses and results:

- Used as a synergist to increase pesticide effectiveness, especially for synthetic pyrethroids, pyrethrins and rotenone.

Particularities:

- Depending on the dosage (5-10 times of pyrethroid), it increases the effect of pyrethroid to 3 times.

Combination with other insecticides:

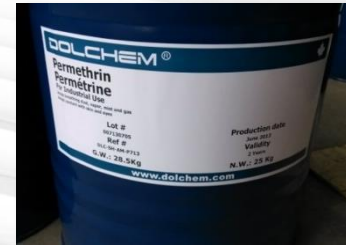
- Very good synergism if formulated with Cypermethrin, Tetramethrin, Permethrin, Itamethrin, Cyholothrin and Fenalerate.

Piperonyl Butoxide

Active ingredient	≥ 95 %
Acidity (as H ₂ SO ₄)	≤ 0.15 %
Moisture	≤ 0.2 %

PACKAGING

- ✓ Sturdy, resistant, durable and easy-to-use!
 - 25 KG Iron drum in wooden crate
 - 20 Liters HDPE Drum



We offer customized and improved packaging to better fit your needs:

- 25 KG, 35 KG, 45 KG, 55 KG, 160 KG, 1000 KG...
- For wholesalers and small to medium enterprises.
- Multilingual labeling.

And there's more!
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Disinfestation & Sanitary Additives

Database



Security. Reliability.
Flexibility. Integrity.

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