

Exponent® Insecticide Synergist is a synergist that will increase the speed of kill and level of control of pyrethroids and other insecticides. Exponent is an emulsifiable concentrate for use in a tank mix with insecticides and acaricides to aid in improving the control of insects and mites. Exponent has no insecticidal properties of its own.

- Use Exponent as a synergist in a tank mix to improve the control of insects
- Exponent interferes with certain mechanisms of insecticide resistance by inhibiting the mixed function oxidase enzyme system (P-450)
- Exponent raises the level of control by increasing insect susceptibility to insecticides

Product Specifications

Signal Word	Caution
Packaging	Quarts (6 per case), gallons (4 per case)
EPA Registration Number	1021-1511
Food Handling	For use in food areas and non-food areas
Stability of Undiluted Product	Stable
Stability of Diluted Product	Agitation recommended; not required. If left diluted in tank, make sure to agitate before reuse.
Appearance	Clear oily liquid
Odor	Mild, characteristic odor
Active Ingredients	PBO (piperonyl butoxide, technical)
Flammability	OSHA – combustible liquid
Mode of Action	Inhibits mixed function oxidative system
Class of Chemistry	Insecticide synergist
Respirator Required	Required
Mix or Dilute in	Use only as a tank mix with other insecticides
Activity	Increases insect susceptibility to tank mix partner
Shelf Life	3 years in original commercial packaging



Use Areas

Exponent may be used in a tank mix with insecticides labeled for use in the following areas:

Indoor in Food and Non-Food Areas, such as:

Homes	Restaurants	Warehouses
Food processing plants	Schools	Hotels

General Outdoor Premise Treatment, including:

Parks	Turf	Buildings
Landscape	Home Exteriors	

Outdoor Ornamental and Lawns

Trees	Yards	Golf courses
Shrubs	Turf grass	Parks
Flowers		

Pet Premise Treatments

Livestock Dairy and Poultry Production Facilities and Premises

Method of Application

- Broadcast surface spray
- Crack and crevice treatments
- Spot treatments
- Mechanical foggers (space spray)
- ULV foggers

Always read and follow label and MSDS directions.

To learn more visit www.mgkpro.com, call 1-866-MGK-4PRO (1-866-645-4776) or send an e-mail to brands@mgk.com.

Best Practices when using Exponent® Insecticide Synergist

Prevent Staining

Staining may occur on some surfaces. If staining is a concern, treat an inconspicuous area to test for possible staining or discoloration. Inspect again after drying, then proceed to spray entire area to be treated.

Tank Mix Only

Exponent is not intended for use alone, but only as a component of a tank mix. When tank mixing, always follow the most restricted labeling of all products in the mixture.

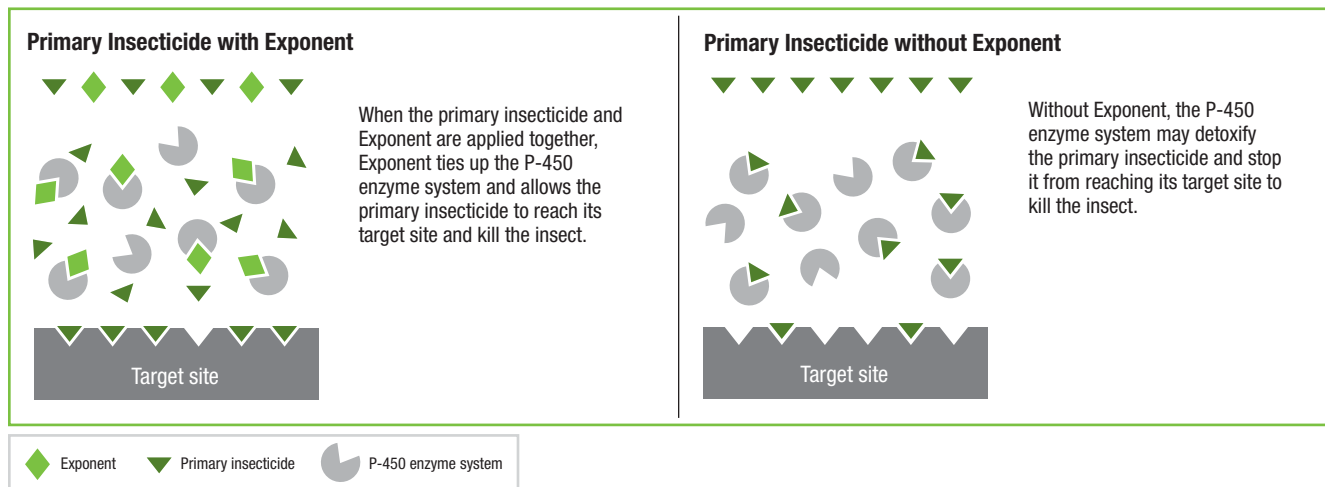
Recommended Rate of Exponent

The product label contains charts with recommended rates for the rate of Exponent per volume of tank mix partner. It is not a recommendation for the partner or rate of the tank mix partner, only for assistance in determining the correct rate of Exponent.

Key Insects Controlled

See insect listing for tank mix partner or partners.

Exponent® Mode of Action



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exponent®