

# exponent<sup>®</sup>

Insecticide Synergist

Exponent<sup>®</sup> 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

\*The active ingredient of Exponent has been shown in studies to enhance the performance of the active ingredients in the following products:

Suspend <sup>®</sup> SC	Transport <sup>®</sup> GHP	Premise <sup>®</sup> 2.0
Tempo <sup>®</sup> SC	Temprid SC	Bifenthrin 7.9%
TalstarOne <sup>®</sup>	Demon <sup>®</sup> Max	Conquer <sup>®</sup>
Demand <sup>®</sup> CS	Dragnet <sup>®</sup> SFR	Pyganic <sup>®</sup> Pro
Cy-Kick <sup>®</sup> CS	Onslaught <sup>®</sup>	

## Product Specifications

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

### General Outdoor Premise Treatment, including:

Parks  
Landscape  
Turf  
Home exteriors  
Buildings

### Outdoor Ornamental and Lawns

Trees  
Shrubs  
Flowers  
Yards  
Turf grass  
Golf courses  
Parks

**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

**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**

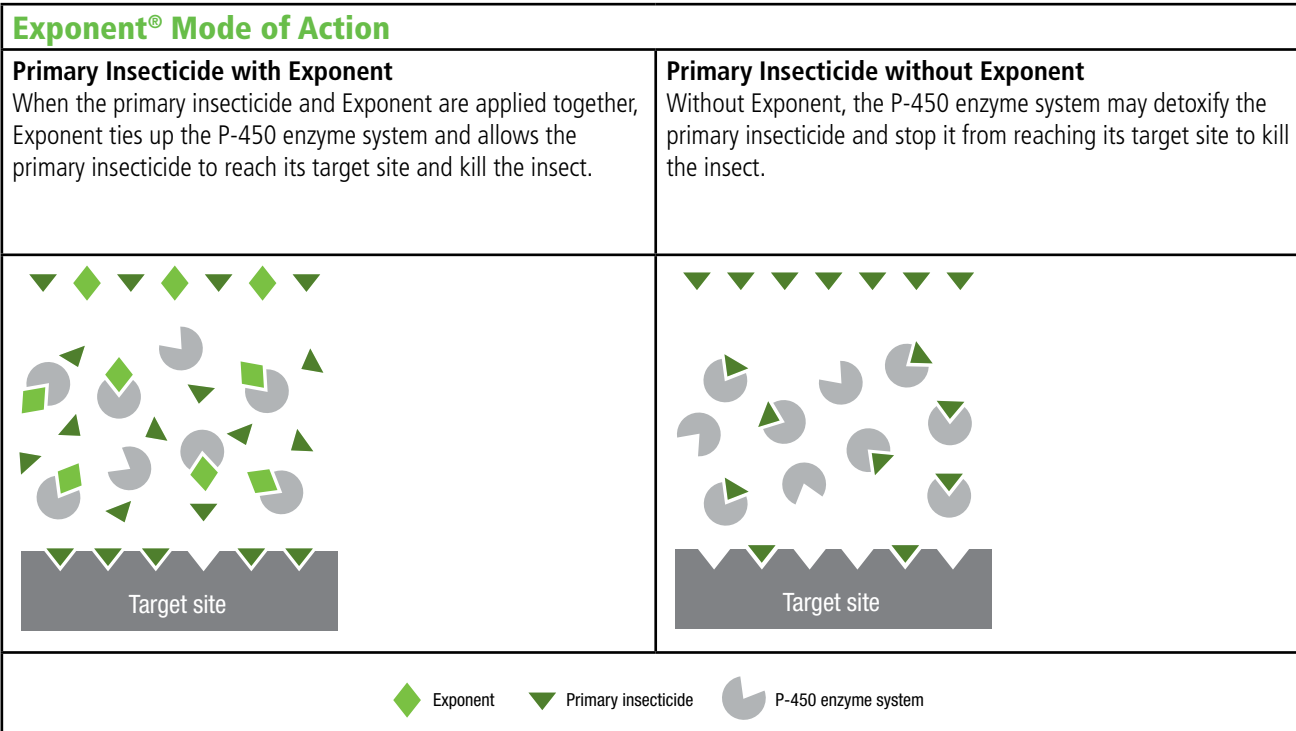
Exponent is not intended for use alone, but only as a component of a tank mix. When tank mixing, always follow the most restricted labeling of all products in the mixture.

**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.



Always read and follow label and MSDS directions.

To learn more, visit [www.mgk.com](http://www.mgk.com), call 1-800-645-6466 or send an e-mail to [brands@mgk.com](mailto:brands@mgk.com).



8810 Tenth Avenue North, Minneapolis, MN 55427  
2.5M-0412



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