

TurboCide®

Advanced Fogging Products

METHOPRENE IGR

FOR INDOOR USE ONLY

- An Insect Growth Regulator
- To Control Insect Larvae in the listed Stored Raw Agricultural Food Commodities, including Unprocessed Cereal Grains, Grain Sorghum (Milo), Legumes, Canola, Corn, Popcorn, Birdseed, Peanuts, Sunflower Seeds, Animal Feeds.
- Approved for uses associated with unprocessed grains, spices, feeds, and seeds, including commodities for human (animal) consumption.
- To control insect larvae in seeds
- Can be used with Aerotech® Spray Systems
- To be used with fixed or portable high pressure spray systems. Features returnable cylinders.

Active Ingredient:

(S)-Methoprene (CAS #65733-16-6).....	1.0%
Other Ingredients*.....	99.0%
Total.....	100.0%

*Contains petroleum distillates

EPA Reg. No. 89459-99-47000

EPA Est. No. 47000-IA-01

KEEP OUT OF REACH OF CHILDREN CAUTION

FIRST AID	
If Swallowed:	<ul style="list-style-type: none"> • Immediately call a poison control center or doctor. • Do not give any liquid to the person. • Do not induce vomiting unless told to do so by a poison control center or a doctor. • Do not give anything by mouth to an unconscious person.
If in Eyes:	<ul style="list-style-type: none"> • Hold eye open and rinse slowly and gently with water for 15-20 minutes. • Remove contact lenses, if present, after the first 5 minutes, then continue rinsing eyes. • Call a poison control center or doctor for treatment advice.
If on Skin:	<ul style="list-style-type: none"> • Take off contaminated clothing. • Rinse skin immediately with plenty of water for 15-20 minutes. • Call a poison control center or doctor for treatment advice.
If Inhaled:	<ul style="list-style-type: none"> • Move person to fresh air. • If person is not breathing, call 911 or emergency personnel, then give artificial respiration, preferably by mouth-to-mouth, if possible. • Call a poison control center or doctor for treatment advice.
<p>Have product container or label with you when calling a poison control center, doctor, or going for treatment.</p> <p>You may also contact Chem-Tech, Ltd. at 1-800-498-5743 (US & Canada) or 1-651-523-0318 (all other areas) (24 hrs./7 days) for emergency medical treatment information.</p>	
<p>NOTE TO PHYSICIAN: Contains petroleum distillate – vomiting may cause aspiration pneumonia.</p>	

Item No. 1904510

PRECAUTIONARY STATEMENTS

HAZARDS TO HUMANS AND DOMESTIC ANIMALS

CAUTION: Harmful if swallowed or inhaled. Causes moderate eye irritation. Harmful if absorbed through skin. Avoid contact with eyes, skin, or clothing. Wash thoroughly with soap and water after handling and before eating, drinking, chewing gum, using tobacco or using the toilet. Remove and wash contaminated clothing before reuse.

PHYSICAL OR CHEMICAL HAZARDS

Contents under pressure. Do not use or store near heat or open flame. Exposure to temperatures above 130° F may cause bursting.

GENERAL INFORMATION: Unlike traditional pesticides, **Turbocide Advanced Fogging Products Methoprene IGR** is not an adulticide, but its residual activity prevents the development of insect larvae into adults. When used according to the label directions, **Turbocide Advanced Fogging Products Methoprene IGR** inhibits growth of larvae of almond moths, Indian meal moths, cheese skippers, chocolate moths, cigarette beetles, dark mealworms, fruit flies, fungus gnats, small flying beetles, dried fruit beetles, rusty grain beetles, Khapra beetles, hide beetles, lesser grain borers, saw-toothed grain beetles, merchant grain beetles, red flour beetles, and confused flour beetles and other insect pests.

First treat existing insect populations with an adulticide, then apply **Turbocide Advanced Fogging Products Methoprene IGR** to prevent growth and development of insect larvae.

DIRECTIONS FOR USE

It is a violation of Federal Law to use this product in a manner inconsistent with its labeling.

GENERAL USE RESTRICTIONS AND PRECAUTIONS:

For all space spraying operations:

- Close area to be sprayed to insure spray mist is contained in treatment area. Do not remain in treated areas.
- Leave the room closed for 30 minutes to allow spray or fog mist to settle before re-entry into the area.
- Thoroughly ventilate treatment area before re-entry.
- Do not exceed the application rate of 0.335 oz. (9.5 grams) per 1,000 cubic feet.

This product should be applied only with the appropriate high pressure gun and hose or through a fixed spray system.

The portable spray system with its hand-held gun will produce a specific discharge rate, expressed in grams per second, depending on the nozzle size used. In a semi-portable system, or through a fixed installation, a dosing cylinder of a designated fill weight is connected to a nozzle system, thereby permitting a fixed dosage rate. This is calculated from the total cubic capacity of the premises and the capacity of the gas dosing cylinder used.

INDOOR USE – SPACE SPRAY

For Use In and Around: Aircraft Holds, Animal Shelters, Animal Control Centers, Research Animal Quarters, Horse Stables and Barns, Horse Trailers, Kennels, Meat Packing Plants, Poultry Houses, Food Processing, Food Service, Food Preparation and Food and Non-Food Handling Areas of Food Handling Establishments, including Bakeries, Beverage and Bottling Plants and Storage Areas, Breweries, Brewery Warehouses, Canneries, Cafeterias, Candy and Cereal Processing, Taverns, Restaurants, Elevators, Egg Processing Plants, Fruit Packing Sheds, Grain Elevators, Grain Harvesting and Handling Equipment, Grain Mills, Granaries, Grocery Warehouses, Public Storage, Pet Food Production, Silos, Shipping Containers, Storage Bins (areas), Stored Food in Multi-walled Paper or Cloth Bags, Textile Mills and Warehouses, Rice Mills, Rail Cars, Ships and Ship Holds, Trains, Trucks, Trailers, Tobacco Factories, Tobacco Warehouses, Warehouses, Wholesale Stores, and Zoos.

In addition to treating raw commodities and processing facilities, apply **Turbocide Advanced Fogging Products Methoprene IGR** in stored food areas to packaged, canned, and bottled foodstuffs, as well as the packaging such as boxes, liners, and pallets.

This product may be applied to stored raw agricultural food commodities, including but not limited to: cereal grains, corn, sunflower, canola, legumes, popcorn, wheat, spices, sorghum, rice, cocoa, peanuts, oats, millet, seed stock, and processed or non-processed raw agricultural commodities readied for packaging. **Turbocide Advanced Fogging Products Methoprene IGR** may also be used to treat bulk or bagged pet food, livestock feed components and finished livestock feed, birdseed, or any other dry animal feed. Treated commodities may be processed immediately.

DIRECTIONS FOR SPACE TREATMENT:

To begin application, remove the industrial compressed gas cylinder from outer box. The cylinder is shipped with protective cap covering the valve. Remove the cap and protective neck ring that covers the valves connection treads. The cylinder is now ready for attachment to either a non-probable fixed spray system or a portable system with a high pressure spray wand.

Close room or warehouse and shut off all ventilating systems. Apply the product as a fine mist in the air above the trays, shelves, and in areas where dust may accumulate. Repeat application as required to suppress pest populations.

SPACE SPRAY-Application with Fixed or Portable High Pressure Spray Systems: For application of **Turbocide Advanced Fogging Products Methoprene IGR** as a space spray, use the following directions: Apply **Turbocide Advanced Fogging Products Methoprene IGR** as a mist or aerosol at the rate of 0.335 oz. (9.5 grams) per 1,000 cubic feet. Use appropriate spray equipment, such as a fixed or portable high pressure application equipment.

Portable System:

The dosage rate is calculated based on the total cubic capacity of the premises. Attach the high pressure spray wand to the cylinder valve treads. Tighten the high pressure wand coupler, securing wand to cylinder. The high pressure wand will produce a discharge rate depending on nozzle size used, expressed in grams per second. To prevent aerosol droplet condensing during treatment, direct aerosol nozzles at least 3 feet away from windows, air conditioner units, or air vents. Use a scale when treating areas that require less than a full cylinder. Open cylinder valve to begin treatments. Close valve once the desired amount of **Turbocide Advanced Fogging Products Methoprene IGR** has been dispensed. Replace valve cap.

For portable high pressure spray systems where a dosing cylinder is filled from a supply cylinder, leave the valve open in the fill position prior to fogging for ten minutes to allow the pressure to balance. Turn the valve from the fill position to the fog (spray) position to release insecticide and propellant. The semi-portable system can also be operated on a timer without a dosing cylinder.

Non-Portable Fixed Spray System:

The dosage rate is calculated based on the total cubic capacity of the premises. When using remotely, confirm people and pets are not present. To prevent aerosol droplet condensing during treatment, direct aerosol nozzles at least 3 feet away from windows, air conditioner units, or air vents. **Turbocide Advanced Fogging Products Methoprene IGR** should not be used in evaporative cooling systems. Attach fix spray coupler to the cylinder valve treads. Tighten fix coupler connection to cylinder valve treads. Open cylinder valve to dispense desired amount of **Turbocide Advanced Fogging Products Methoprene IGR**. Close valve once the desired amount of **Turbocide Advanced Fogging Products Methoprene IGR** has been dispensed. Replace valve cap.

Return emptied gas cylinders to the point of purchase.

STORAGE and DISPOSAL

Do not contaminate water, food, or feed by storage or disposal.
Pesticide Storage – Store upright in a cool dry place. Cylinder should be checked before each use. Any defective cylinder should not be used. Do not use any cylinder that has missing parts, badly worn or distorted components.
Pesticide Disposal – Pesticide unable to be used following label directions must be returned to the point of purchase in its original container.
Container Handling – Refillable container. Refill this container with pesticides only. Do not reuse or refill this container for any other purpose. This cylinder must not be disposed of as waste. All cylinders must be returned to point of purchase. All cylinder components remain the property of the manufacturer. Federal regulations prohibit the refilling of cylinders without written consent of the manufacturer.

WARRANTY AND CONDITIONS OF SALE

To the extent consistent with applicable law, seller makes no warranty concerning the use and handling of this product other than indicated on the label. To the extent consistent with applicable law, buyer assumes all risks of use and handling of this material when such use and handling are contrary to label instructions.

Manufactured by:

Chem-Tech™, Ltd.
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 Pleasantville, IA 50225 U.S.A.

Chem-Tech™, Ltd. is a wholly-owned subsidiary of Neogen Corporation. L6137-1118
 Made in the U.S.A.



Net Contents: 20 lbs. (9.07 kg)