

MATERIAL SAFETY DATA SHEET



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TRANSPORTATION EMERGENCY
CHEMTREC:(800)-424-9300

EMERGENCY AND PRODUCT INFORMATION
OLYMPIC:(800)-356-4647

PYLON® miticide

EPA Registration Number: 241-374-59807

I. CHEMICAL PRODUCT INFORMATION

Trade Name PYLON® miticide
Chemical Name 4-bromo-2-(4chlorophenyl)-
1-(ethoxymethyl)-5-(trifluoromethyl)-1H-pyrrole-3-car-
bonitrile
Synonyms pyrrole; CL 303,630; chlorfe-
napyr
Formula C(15) H(11) Br Cl F(3) N(2) O
Chemical Family Pyrrole
Mol Wt 407.6

II. INGREDIENTS

COMPONENT	CAS No.	%	PEL/TLV – SOURCE
CL 303,630 (chlorfenapyr)	122453-73-0	21.44	None established
Propylene glycol	57-55-6	7.5	None established
Inerts	N/A	71.06	None established

SARA Title III Section 313 Not listed

III. PHYSICAL DATA

Boiling/Melting Point @ 760mm Hg : Similar to water
pH 6.5 – 7.2 2% dispersion
Vapor Pressure mmHg @ 20°C N/D
Specific Gravity or Bulk Density : 1.1 g/mL @ 20° C
Solubility in Water Forms a suspension
Appearance Off-white to tan liquid
Odor N/A
Intensity N/A

IV. FIRE AND EXPLOSION DATA

Flash Point (test method) N/D
Autoignition Temp N/D
Flammability Limits in Air (% by Vol) :
Lower: N/D
Upper: N/D
NFPA 704 HAZARD CODES
Health: N/R **Flammable:** N/R **Instability:** N/R **Other:** N/R
NFPA 30 Storage Classification: N/R
Extinguishing Medium Use water fog, foam, CO(2),
or dry chemical extinguishing media.
Special Fire Fighting Procedures : Firefighters should be
equipped with self-contained breathing apparatus and
turnout gear. Control run-off water- if water enters
drainage system, notify authorities downstream.
Unusual Fire Explosion Hazards : None known.

V. HEALTH DATA

TOXICOLOGICAL TEST DATA:

Data for the formulated product:

Rat (male), Oral LD50 (calculated) = 560 mg/kg
Rat (female), Oral LD50 (calculated) = 567 mg/kg
Rabbit (combined), Dermal LD50 > 2000 mg/kg
Rat (male), Inhalation LC50 (4 hr) = 0.571 mg/L
Rat (female), Inhalation LC50 (4 hr) = 2.43 mg/L
Rat (male), Inhalation LC50 (1 hr - calculated) = 2.284 mg/L
Rat (female), Inhalation LC50 (1 hr - calculated) = 9.72 mg/L
Rabbit, Eye Irritation – Not-irritating
Rabbit, Skin Irritation – Not-irritating
Guinea pig, Dermal Sensitizer – Not a sensitizer

Note: Inhalation data for mists were not used to classify this material for transportation because it is reasonably foreseeable that such concentrations (mists) would not be encountered by a human during transport (49CFR 173.132 (b) (3)).

OSHA, NTP, or IARC Carcinogen : Not listed.

Effects of Overexposure:

**See Product Label and Directions For Use for additional pre-
cautionary statements.**

CAUTION! KEEP OUT OF REACH OF CHILDREN

Avoid contact with skin and eyes. Do not breathe sprays or mists.
Existing medical conditions aggravated by this product: None known.

FIRST AID PROCEDURES

If swallowed: Call a poison control center or doctor immediately for treatment advice. Have person sip a glass of water if able to swallow. Do not induce vomiting unless told to by a poison control center or doctor. Do not give anything to an unconscious person.

If on skin or clothing: 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: Move person to fresh air. If person is not breathing, call 911 or an ambulance, then give artificial respiration, preferably mouth-to-mouth, if possible. Call a poison control center or doctor for further treatment advice.

If in eyes: Immediately hold eyelids open and flush with a steady, gentle stream of water for 15-20 minutes. Call a poison control center or doctor for treatment advice.

Note to physician: Treat symptomatically. No specific antidote.

Note: Have the product container or label with you when calling a poison control center or doctor or going for treatment.

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VI. REACTIVITY DATA

Stability: Stable. Do not store below 32°F. Avoid heat and sunlight.

Conditions to Avoid: Store in original container in cool, dry well ventilated place away from ignition sources, heat or flame.

Chemical Incompatibility: Oxidizing agents.

Hazardous Decomposition Products: Including oxides of carbon and nitrogen; HCl; HF; HBr

Hazardous Polymerization: Does not occur.

Conditions to Avoid: Does not polymerize.

Corrosive to Metal: No

Oxidizer: No

Hazardous Substance Superfund: No

RQ(lbs): None

Waste Disposal Method: Pesticide wastes are acutely hazardous. Wastes resulting from this product may be disposed of on site or at an approved waste disposal facility. Improper disposal of excess pesticide, spray mix or rinsate is a violation of federal law. If these wastes cannot be disposed of according to label instructions, contact the state agency responsible for pesticide regulation or the Hazardous Waste representative at the nearest EPA Regional Office for guidance.

Hazardous Waste 40CFR261: No

Hazardous Waste Number: None

Container Disposal: Empty containers or liners may retain some product residues. DO NOT REUSE. Rinse the container or liner as needed for disposal. Render it unusable by crushing or puncturing. Dispose of the container and any rinsate in a safe manner. Follow all applicable community, national or regional regulations regarding waste management methods.

VII. PERSONAL PROTECTION

PESTICIDE APPLICATORS & WORKERS must refer to the Product Label and Directions for Use attached to the product for Agricultural Use Requirements in accordance with the EPA Worker Protection Standard 40 CFR part 170.

RECOMMENDATIONS FOR MANUFACTURING, COMMERCIAL BLENDED, AND PACKAGING WORKERS:

Respiratory Protection: Supplied air respirators should be worn if large quantities of mist are generated or prolonged exposure possible.

Eye Protection: Chemical goggles when respirator does not provide eye protection.

Protective Clothing: Gloves and protective clothing as necessary to prevent skin contact.

Ventilation: Whenever possible, engineering controls should be used to minimize the need for personal protective equipment.

IX. SHIPPING DATA - PACKAGE

D.O.T. Proper Shipping Name (49CFR172.101-102): None

Hazardous Substance (49CFR CERCLA List):

RQ(lbs): None

D.O.T. Hazard Classification (CFR 172.101-102): Primary: None
Secondary:

D.O.T. Labels Required (49CFR172.101-102): None

D.O.T. Placards Required (CFR172.504): None

Poison Constituent (49CFR172.203(K)): None

Bill of Lading Description: THIS PRODUCT IS NOT REGULATED BY THE DEPARTMENT OF TRANSPORTATION.

CC NO.: Not applicable

UN/NA Code: Not applicable

VIII. ENVIRONMENTAL DATA

Environmental Toxicity Data

Based on standard laboratory tests on this formulation and the active ingredient, chlorfenapyr, this product is very toxic to fish, aquatic invertebrates, and honeybees, and toxic to algae.

SARA 311 / 312 REPORTING

FIRE: N PRESSURE: N REACTIVITY: N ACUTE: Y
CHRONIC: N TPQ(lbs): N/R

Spill and Leak Procedures: In case of large scale spillage of this product, avoid contact, isolate area and keep out animals and unprotected persons. Call CHEMTREC (800) 424-9300 or OLYMPIC 800-356-4647. For a small spill, wear personal protective equipment as specified on the label.

For a Liquid Spill: Dike and contain the spill with inert material (sand, earth, etc.) and transfer the liquid and solid diking materials to separate containers for disposal.

For a Solid Spill: Sweep solid into a drum for re-use or disposal. Remove personal protective equipment and decontaminate it prior to re-use.

X. ADDITIONAL INFORMATION

Complete Label and Directions for Use are attached to the product.

Agricultural Use Requirements

Use this product only in accordance with its labeling and with the Worker Protection Standard, 40 CFR part 170. Refer to supplemental labeling under 'Agricultural Use Requirements' in the Directions for Use section for information about this standard.

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DISCLAIMER

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