

# MATERIAL SAFETY DATA SHEET



OLYMPIC HORTICULTURAL PRODUCTS, CO.  
P.O. BOX 230, MAINLAND, PA 19451  
800-659-6745

Revised Date: 2/13/2001  
Date prepared: 8/18/2000

TRANSPORTATION EMERGENCY  
CALL CHEMTREC .....(800)-424-9300  
DISTRICT OF COLUMBIA .....(202)-483-7616

NON-TRANSPORTATION  
OLYMPIC EMERGENCY PHONE .....(800)-356-4647  
OLYMPIC INFORMATION PHONE .....(800)-659-6745

## PYLON® miticide

EPA Registration Number: 241-374-59807

### I. CHEMICAL PRODUCT IDENTIFICATION:

TRADE NAME ..... PYLON® miticide  
CHEMICAL FAMILY ..... Pyrrole  
CHEMICAL NAME ..... 4-bromo-2-(4-chlorophenyl)-  
1-(ethoxymethyl)-5-(trifluoromethyl)-*H*-pyrrole-3-carboni-  
trile  
SYNONYMS ..... Pyrrole; CL 303,630;  
chlorfenapyr  
FORMULA ..... C(15)H(11) Br Cl F(3) N(2) O  
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/A OTHER: N/A  
NFPA 30 STORAGE  
CLASSIFICATION ..... : N/R

EXTINGUISHING MEDIUM ..... : Use water fog, foam, CO(2),  
or dry chemical extinguishing media.

### SPECIAL FIREFIGHTING 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.

### SELECT ACRONYM KEY:

N/A: Not available N/D: Not determined N/R: Not rated N/E: Not established

### 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) = 1.3 mg/L  
Rat (female) Inhalation LC50 (4 hr) = 2.4 mg/L  
Rat (male), Inhalation LC50 (1 hr - calculated)) = 5.2 mg/L  
Rat (female), Inhalation LC50 (1 hr - calculated)) = 9.6 mg/L  
Rabbit, Eye Irritation - Non-irritating  
Rabbit, Skin Irritation - Non-irritating  
Guinea pig, Dermal Sensitizer - Not a sensitizer

OSHA, NTP, or IARC Carcinogen ... : Not listed.

#### EFFECTS OF OVEREXPOSURE:

See Product Label and Directions For Use for additional precautionary 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.

# MATERIAL SAFETY DATA SHEET

## PYLON® miticide

EPA Registration Number: 241-374-59807

### 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

### 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 BLENDING, 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.

### 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 BASF Corporation (800 832-HELP). 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.

#### 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.

### IX. SHIPPING DATA - PACKAGE AND BULK

**D.O.T. PROPER SHIPPING NAME (49CFR172.101-102):**

**HAZARDOUS SUBSTANCE** .....  
(49CFR CERCLA LIST)

**RQ(lbs)** ..... None

**D.O.T. HAZARD CLASSIFICATION**  
(CFR 172.101-102) ..... PRIMARY  
SECONDARY

**D.O.T. LABELS REQUIRED (49CFR172.101-102):**

**D.O.T. PLACARDS REQUIRED (CFR172.504):**

**POISON CONSTITUENT (49CFR172.203(K)):**

**BILL OF LADING DESCRIPTION** ..... This section has been left blank intentionally.

**CC NO.** ..... Not applicable

**UN/NA CODE** .....

### X. ADDITIONAL INFORMATION

**PYLON® miticide      EPA Reg. No. 241-374-59807**

**CAUTION**

**KEEP OUT OF REACH OF CHILDREN**

**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.

#### DISCLAIMER

**IMPORTANT: WHILE THE DESCRIPTIONS, DESIGNS, DATA AND INFORMATION CONTAINED HEREIN ARE PRESENTED IN GOOD FAITH AND BELIEVED TO BE ACCURATE, IT IS PROVIDED FOR YOUR GUIDANCE ONLY. BECAUSE MANY FACTORS MAY AFFECT PROCESSING OR APPLICATION/USE, WE RECOMMEND THAT YOU MAKE TESTS TO DETERMINE THE SUITABILITY OF A PRODUCT FOR YOUR PARTICULAR PURPOSE PRIOR TO USE. NO WARRANTIES OF ANY KIND, EITHER EXPRESS OR IMPLIED, INCLUDING WARRANTIES OF MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE, ARE MADE REGARDING PRODUCTS DESCRIBED OR DESIGNS, DATA OR INFORMATION SET FORTH, OR THAT THE PRODUCTS, DESIGNS, DATA OR INFORMATION MAY BE USED WITHOUT INFRINGING THE INTELLECTUAL PROPERTY RIGHTS OF OTHERS. IN NO CASE SHALL THE DESCRIPTIONS, INFORMATION, DATA OR DESIGNS PROVIDED BE CONSIDERED A PART OF OUR TERMS AND CONDITIONS OF SALE. FURTHER, YOU EXPRESSLY UNDERSTAND AND AGREE THAT THE DESCRIPTIONS, DESIGNS, DATA, AND INFORMATION FURNISHED BY BASF HEREUNDER ARE GIVEN GRATIS AND BASF ASSUMES NO OBLIGATION OR LIABILITY FOR THE DESCRIPTION, DESIGNS, DATA AND INFORMATION GIVEN OR RESULTS OBTAINED, ALL SUCH BEING GIVEN AND ACCEPTED AT YOUR RISK.**

PYLON is a registered trademark of BASF Corporation.

OHP 986200 0301 MSDS