

Safety Data Sheet

PYRAMIN FL

Revision date : 2009/08/20
Version: 2.0

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(30257137/SDS_CPA_CA/EN)

1. Product and Company Identification

Company
BASF Canada Inc.
100 Milverton Drive
Mississauga, ON L5R 4H1, CANADA

24 Hour Emergency Response Information
CANUTEC (reverse charges): (613) 996-6666
BASF HOTLINE: (800) 454-COPE (2673)

2. Hazards Identification

State of matter: liquid
Colour: beige
Odour: faint specific odour

Potential health effects

Irritation / corrosion:
Not irritating to eyes and skin.

Sensitization:
May cause sensitization by skin contact.

Chronic toxicity:

Repeated dose toxicity: No known chronic effects.

3. Composition / Information on Ingredients

Not WHMIS controlled.
PCP# 15857

4. First-Aid Measures

General advice:
Avoid contact with the skin, eyes and clothing. Remove contaminated clothing. If difficulties occur: Obtain medical attention. Show container, label and/or safety data sheet to physician.

If inhaled:
Keep patient calm, remove to fresh air. Assist in breathing if necessary. Consult a physician.

If on skin:
Wash affected areas thoroughly with soap and water. Remove contaminated clothing. If irritation develops, seek medical attention.

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If in eyes:

Hold eyelids open to facilitate rinsing. Flush with copious amounts of water for at least 15 minutes. If symptoms persist, seek medical advice.

If swallowed:

Rinse mouth and then drink plenty of water. Do not induce vomiting. Immediate medical attention required.

Note to physician

Treatment: Treat according to symptoms (decontamination, vital functions), no known specific antidote.

5. Fire-Fighting Measures

Flash point:	> 100 °C	(Directive 92/69/EEC, A.9) Non-flammable.
Flammability:	does not ignite	(Directive 92/69/EEC, A.12)
Self-ignition temperature:	610 °C	(Directive 92/69/EEC, A.15)

Suitable extinguishing media:

water spray, foam, dry extinguishing media, carbon dioxide

Hazards during fire-fighting:

carbon monoxide, Hydrogen chloride, nitrogen oxides
The substances/groups of substances mentioned can be released in case of fire.

Protective equipment for fire-fighting:

Wear self-contained breathing apparatus and chemical-protective clothing.

Further information:

Keep containers cool by spraying with water if exposed to fire. In case of fire and/or explosion do not breathe fumes. Collect contaminated extinguishing water separately, do not allow to reach sewage or effluent systems. Dispose of fire debris and contaminated extinguishing water in accordance with official regulations.

6. Accidental release measures

Personal precautions:

Use personal protective clothing. Avoid contact with the skin, eyes and clothing. Remove contaminated clothes, undergarments and shoes immediately.

Environmental precautions:

Do not discharge into the subsoil/soil. Do not discharge into drains/surface waters/groundwater.

Cleanup:

Clean contaminated floors and objects thoroughly with water and detergents, observing environmental regulations. Collect waste in suitable containers, which can be labeled and sealed. Incinerate or take to a special waste disposal site in accordance with local authority regulations.

For large amounts: Pump off product.

For residues: Pick up with suitable absorbent material. Dispose of contaminated material as prescribed.

7. Handling and Storage

Handling

General advice:

No special measures necessary if stored and handled correctly.

Protection against fire and explosion:

No special precautions necessary. The substance/product is non-combustible. Product is not explosive.

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Storage

General advice:

Keep container tightly closed in a cool, well-ventilated place. Avoid direct sunlight.

Storage incompatibility:

General advice: Segregate from foods and animal feeds.

Storage stability:

Storage duration: 60 Months

Temperature tolerance

Protect from temperatures below: -10 °C

The product can crystallize below the limit temperature.

Protect from temperatures above: 40 °C

Changes in the properties of the product may occur if substance/product is stored above indicated temperature for extended periods of time.

8. Exposure Controls and Personal Protection

Users of a pesticidal product should refer to the product label for personal protective equipment requirements.

Personal protective equipment

Respiratory protection:

Respiratory protection not required.

Hand protection:

Chemical resistant protective gloves

Eye protection:

Safety glasses with side-shields.

Body protection:

Full-body protective clothing

General safety and hygiene measures:

The statements on personal protective equipment in the instructions for use apply when handling crop-protection agents in final-consumer packing. Avoid contact with the skin, eyes and clothing. Wearing of closed work clothing is recommended. Wash soiled clothing immediately.

9. Physical and Chemical Properties

Form:	liquid	
Odour:	faint specific odour, aromatic	
Odour threshold:	No data available.	
Colour:	beige	
pH value:	approx. 7.1	(20 °C) (measured with the undiluted substance)
crystallization temperature:	approx. -4.6 °C	
onset of boiling:		Information applies to the solvent.
Vapour pressure:		dropped
Density:	1.178 g/cm ³	(20 °C)
Bulk density:		dropped
Partitioning coefficient n-octanol/water (log Pow):		not applicable
Viscosity, dynamic:	approx. 38 mPa.s	(20 °C) (OECD 114)
Solubility in water:		dispersible

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10. Stability and Reactivity

Substances to avoid:

No substances known that should be avoided.

Hazardous reactions:

No hazardous reactions if stored and handled as prescribed/indicated.

Decomposition products:

Hazardous decomposition products: No hazardous decomposition products if stored and handled as prescribed/indicated.

Thermal decomposition:

No decomposition if stored and handled as prescribed/indicated.

Oxidizing properties:

Based on its structural properties the product is not classified as oxidizing.

11. Toxicological information

Acute toxicity

Oral:

Type of value: LD50
Species: rat (male/female)
Value: 2,369 mg/kg (OECD Guideline 401)

Inhalation:

Type of value: LC50
Species: rat (male/female)
Value: > 5.5 mg/l
Exposition time: 4 h

Dermal:

Type of value: LD50
Species: rat (male/female)
Value: > 4,000 mg/kg

Irritation / corrosion

Skin:

Species: rabbit
Result: non-irritant

Eye:

Species: rabbit
Result: non-irritant

Sensitization:

Guinea pig maximization test
Result: sensitizing

Genetic toxicity

Information on: chloridazon
No mutagenic effect was found in various tests with microorganisms and mammals.

Other Information:

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The product has not been tested. The statement was derived from products of similar composition. Misuse can be harmful to health.

12. Ecological Information

Fish

Information on: chloridazon

Acute:

Oncorhynchus mykiss/LC50 (96 h): > 32 - < 46 mg/l

Aquatic invertebrates

Information on: chloridazon

Acute:

Daphnia magna/EC50 (48 h): 131.95 mg/l

Aquatic plants

Information on: chloridazon

Toxicity to aquatic plants:

green algae/EC50 (120 h): 1.9 mg/l

green algae/EC50 (72 h): 0.6 mg/l

Degradability / Persistence

Biological / Abiological Degradation

Evaluation: Not readily biodegradable (by OECD criteria).
Not readily biodegradable (by OECD criteria).

Other adverse effects:

Ecological data are not available. The ecological data given are those of the active ingredient. Do not discharge product into the environment without control.

13. Disposal considerations

Waste disposal of substance:

See product label for disposal and recycling instructions.

14. Transport Information

Reference Bill of Lading

15. Regulatory Information

Federal Regulations

Registration status:

Chemical	DSL, CA	blocked / not listed
Crop Protection	DSL, CA	released / listed

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WHMIS does not apply to this product.

THIS PRODUCT HAS BEEN CLASSIFIED IN ACCORDANCE WITH THE HAZARD CRITERIA OF THE CPR AND THE MSDS CONTAINS ALL THE INFORMATION REQUIRED BY THE CPR.

16. Other Information

BASF supports worldwide Responsible Care® initiatives. We value the health and safety of our employees, customers, suppliers and neighbors, and the protection of the environment. Our commitment to Responsible Care is integral to conducting our business and operating our facilities in a safe and environmentally responsible fashion, supporting our customers and suppliers in ensuring the safe and environmentally sound handling of our products, and minimizing the impact of our operations on society and the environment during production, storage, transport, use and disposal of our products.

Local Contact Information

BASF Canada Product Safety

prod_reg@basf.com

END OF DATA SHEET